

19990908.qrp v01_n573.qrl.990908

Date: Wed, 8 Sep 1999 19:03:06 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1573

QRP-L Digest 1573

Topics covered in this issue include:

- 1) [49623] SPRINT: LAZY-H is great!
by S LYON <sslyon@worldnet.att.net>
- 2) [49624] Re: Morsum Magnificat
by DaveLeDuc@aol.com
- 3) [49625] Swap:Andrews"N" 1/2" connectors
by Roy Lincoln <wa4dou@usa.net>
- 4) [49626] OT: WTB RCA WG-299E probe
by Michael Melland <badger@vbe.com>
- 5) [49627] QRP-L Numbers
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
- 6) [49628] RE: Morsum Magnificat
by "Mike D." <hrg@megsinet.net>
- 7) [49629] F.S. Curtis 8044ABM keyer kit
by Roy Lincoln <wa4dou@usa.net>
- 8) [49630] Re: Morsum Magnificat
by DaveLeDuc@aol.com
- 9) [49631] RE: Lil' off Topic - FLUKE meter HELP...
by "Ed Tanton" <n4xy@att.net>
- 10) [49632] Re: Mouser// no minimum, no handling fee
by Wayne Alexander <walexan@ipa.net>
- 11) [49633] FCC's ULS system
by The Boices <boice@bigfoot.com>
- 12) [49634] Milliwatt Contesting from Topsail Island
by Paul Stroud <aa4xx@ipass.net>
- 13) [49635] KI6DS series
by <SFIKE@twa.com>
- 14) [49636] Re: Lil' off Topic - FLUKE meter HELP...
by Brian Chesire <BCChesire@worldnet.att.net>
- 15) [49637] Re: Parts
by "The One and Only!" <mitch96@pobox.com>
- 16) [49638] Re: Milliwatt Contesting from Topsail Island
by George F Franklin <w0av@juno.com>
- 17) [49639] Re: Morsum Magnificat
by George F Franklin <w0av@juno.com>
- 18) [49640] Re: Morsum Magnificat
by Brian Murrey <brian@iquest.net>
- 19) [49641] Fireball Run - II contest rules

- by "George Heron" <n2apb@erols.com>
- 20) [49642] Re: Lil' off Topic - FLUKE meter HELP...more
by "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>
- 21) [49643] DSW-20
by "Charles Hamel" <cdhamel@pdq.net>
- 22) [49644] More on ULS
by The Boices <boice@bigfoot.com>
- 23) [49645] Re: Input about DXCC
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 24) [49646] Re: DSW-20
by Phil Wheeler <w7ox@mindspring.com>
- 25) [49647] SP - QRP Test - TT C21/ indoor ant
by N7YA@aol.com
- 26) [49648] Re DSW-20
by "Charles Hamel" <cdhamel@pdq.net>
- 27) [49649] DSW 30
by crc <crc@io.com>
- 28) [49650] Tnx To All -
by AD6EZ@aol.com
- 29) [49651] HTX-100
by kc0bdw@webtv.net (Hal Schlotfeld)
- 30) [49652] Re: [Re: Input about DXCC]
by Roy Lincoln <wa4dou@usa.net>
- 31) [49653] Parts
by Robert P Engelman <rengelwb8uoj@juno.com>
- 32) [49654] Upcoming Iowa QRP Events
by "John Burnley" <burnleyia@home.com>
- 33) [49655] Wrangell Island - NL7QT
by rfoltz@turbonet.com
- 34) [49656] Re: FCC's ULS system
by "John Moriarity" <k6qq@hdo.net>
- 35) [49657] St Louis Vertical
by Synapse456@aol.com
- 36) [49658] AB7MY's good ears!
by tom whalen <wb5qyt@eFortress.com>
- 37) [49659] Morse Code - Should we have it?
by Daniel Bartlett <ausham@rocknet.net.au>
- 38) [49660] KL7H - QRP Gear - Garage Sale
by Bruce Hopkins - KL7H <kl7h@arrl.net>
- 39) [49661] Re: off topic, but please help!!!
by "Tom Bowman" <tbowman@nbn.net>
- 40) [49662] Re: FCC's ULS system (Netscape YES Explorer NO)
by "Chuck Carpenter" <w5usj@globeco.net>
- 41) [49663] RE: Morse Code - Should we have it?
by Dave Barrett <DBarrett@creo.com>
- 42) [49664] RE: Morse Code - Should we have it?
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
- 43) [49665] Re: QRP-L Numbers

by "Donny Sirait" <dsirait@centrin.net.id>
44) [49666] Bending rocks
by "Donny Sirait" <dsirait@centrin.net.id>
45) [49667] Re: HTX-100 (or is it HTX-10?)
by Karl.Kanalz@optelinc.com
46) [49668] Re: Bending rocks
by Karl.Kanalz@optelinc.com
47) [49669] Re: QRP-L Numbers
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
48) [49670] Re: Morsum Magnificat
by Scott Howell <showell@hq.nasa.gov>
49) [49671] Turkish Morse and QRP backpack
by "Bruce Prior" <n7rr@hotmail.com>
50) [49672] NOVA-QRP Get Together this weekend
by Wb4jjj@aol.com
51) [49673] Question re Crystal Grinding
by Joseph Mikuckis <k3chp@erols.com>
52) [49674] Istanbul
by "Bruce Prior" <n7rr@hotmail.com>
53) [49675] Re: Input about DXCC
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
54) [49676] RE: Morse Code - Should we have it?
by igeq100@iupui.edu
55) [49677] Re: FCC's ULS system
by Rich Wilkerson <richqrp@home.com>
56) [49678] Re: Question re Crystal Grinding
by Karl.Kanalz@optelinc.com
57) [49679] Re: FCC's ULS system
by Bob Nielsen <nielsen@primenet.com>
58) [49680] Grounding for lightning
by Roy Lincoln <wa4dou@usa.net>
59) [49681] Re: HTX-100 (or is it HTX-10?)
by "Mike Yetsko" <myetsko@insydesw.com>
60) [49682] Re: FCC's ULS system
by Paul Erickson <paule@sfu.ca>
61) [49683] DSW-30 & QRP AField & "The Trouble with Tribbles"
by jaywa5whn@juno.com
62) [49684] Re: Morse Code - Should we have it?
by "Mike Yetsko" <myetsko@insydesw.com>
63) [49685] Tayloe detector?
by Dave Hinerman <dlh1009@ritvax.isc.rit.edu>
64) [49686] FREE ELECTRICITY FROM POWER GRID
by Bill Cotter <bcotter@pop.uky.edu>
65) [49687] Fw: Help for a friend
by "S. M. Whitehouse" <ke4yh@gte.net>
66) [49688] Group join for the CW Operators Club (Australia)?
by "John Burnley" <burnleyia@home.com>
67) [49689] Reminder for TOP OF THE WORLD

by "Russ Carpenter" <russ@natworld.com>
68) [49690] RE: Help for a friend
by Dave Barrett <DBarrett@creo.com>
69) [49691] Re: FCC's ULS system
by Bob Nielsen <nielsen@primenet.com>
70) [49692] Re: Group join for the CW Operators Club (Australia)?
by "Mike Yetsko" <myetsko@insydesw.com>
71) [49693] OT: HTX-100 (or is it HTX-10?)
by "George Goodroe" <goodroe@worldnet.att.net>
72) [49694] RE: Help for a friend
by "George Goodroe" <goodroe@worldnet.att.net>
73) [49695] Re: FCC's ULS system
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
74) [49696] Re: FCC's ULS system
by "Ron Smith" <resmith666@uswest.net>
75) [49697] Re: FCC's ULS system
by Bob Nielsen <nielsen@primenet.com>
76) [49698] Re: FCC's ULS system
by "Ron Smith" <resmith666@uswest.net>
77) [49699] www.eHam.net
by "Conant, Paul" <paul.conant@lmco.com>
78) [49700] Re: FCC's ULS system
by "Ron Smith" <resmith666@uswest.net>
79) [49701] Re: FCC's ULS system
by "Ron Smith" <resmith666@uswest.net>
80) [49702] Repost "What Kit to Build, Part 1"
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
81) [49703] Repost of "What Kit to Build Series"
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
82) [49704] Repost "What Kit to Build, Part 2"
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
83) [49705] Repost "What Kit to Build #6"
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
84) [49706] TAYLOE DETECTOR?
by chuck.olson@sbaonline.gov
85) [49707] Re: www.eHam.net
by "Ron Smith" <resmith666@uswest.net>
86) [49708] RE: HTX-100 (or is it HTX-10?)
by "Michael A. Gipe" <mgipe@reliablemeters.com>
87) [49709] Recharging alkalines
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
88) [49710] Battery Float Charger
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
89) [49711] Still trying to decide on the best QRP rig
by "Dan W. Dooley" <dandooley@pipeline.com>
90) [49712] Funkamateur DL-QRP-PA Amplifier Question
by burro@panama.gulf.net
91) [49713] Re: radio shack

by "Carl Zmola" <zmola@campbellsci.com>
92) [49714] RE: Still trying to decide on the best QRP rig
by "Kory Hamzeh" <kory@avatar.com>
93) [49715] RE: Morsum Magnificat
by "Jerry Bartachek" <jbartac@max.state.ia.us>
94) [49716] Re: Battery Float Charger
by "Mark E. Monninger" <markem@primenet.com>
95) [49717] QRP DXCC
by osier <osier@northnet.org>
96) [49718] Re: Help for a friend
by "S. M. Whitehouse" <ke4yh@gte.net>
97) [49719] Re: Still trying to decide on the best QRP rig
by Dave Hinerman <dlh1009@ritvax.isc.rit.edu>
98) [49720] Re: Question re Crystal Grinding
by Drbob92031@aol.com
99) [49721] Verboten subject???
by DOCKROCK1T@aol.com
100) [49722] need to post to a server quick!
by Scott Howell <whowell@hq.nasa.gov>
101) [49723] ElmeRadio Pixie
by Bruce Kizerian <kizerian@ced.utah.edu>
102) [49724] Re: FCC's ULS system
by Bob Nielsen <nielsen@primenet.com>
103) [49725] Re: Input about DXCC
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
104) [49726] New commercial QRP field radio (Mountaineer)
by Jim <w7ls@blarg.net>
105) [49727] server found, tnx
by Scott Howell <whowell@hq.nasa.gov>
106) [49728] Re: Battery Float Charger
by Bob Edwards <w4ed@gis.net>
107) [49729] Re: Still trying to decide on the best QRP rig
by Dave Hinerman <dlh1009@ritvax.isc.rit.edu>
108) [49730] Re: Still trying to decide on the best QRP rig
by "Jay Bromley" <w5jay@alltel.net>
109) [49731] Who needed an ISO9660 QRP-L CD???
by "Paul R. Valko" <prvalko@oakland.edu>
110) [49732] Re: Battery Float Charger
by "Mike Yetsko" <myetsko@insydesw.com>
111) [49733] DXCC QRP Endorsement, my view, KI6DS
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
112) [49734] Best rigs
by "Roy" <ab7ce@email.msn.com>
113) [49735] Re: Still trying to decide on the best QRP rig
by Dave Sjolín <sjolin@swbell.net>
114) [49736] RE: New Commercial QRP field radio
by N10DL@aol.com
115) [49737] Re: Question re Crystal Grinding

by Tom Popovic <ki3r@yahoo.com>
116) [49738] Re: FCC's ULS system
by Rich Wilkerson <richqrp@home.com>
117) [49739] Re: FCC's ULS system
by HWRM1SS@aol.com
118) [49740] Re: Still trying to decide on the best QRP rig
by Bob Hightower <ki7mn@extremezone.com>
119) [49741] help for cb'er in texas
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
120) [49742] X beam: see cebik.com
by "rohre" <rohre@arlut.utexas.edu>
121) [49743] SWR power meter kit: Ten Tec\$49
by "rohre" <rohre@arlut.utexas.edu>
122) [49744] Not QRP,Nor CW ,but need help....
by Fred Lesnick <flesnick@tbaytel.net>
123) [49745] NVIS MARS antenna
by "rohre" <rohre@arlut.utexas.edu>
124) [49746] the further adventures of "which kit to buy"...
by "Mark Paley" <mpaley@wcnet.org>
125) [49747] Re: Verboten subject???
by "Roy" <ab7ce@email.msn.com>
126) [49748] 2 watt resistors
by osier <osier@northnet.org>

Date: Tue, 07 Sep 1999 19:06:54 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [49623] SPRINT: LAZY-H is great!
Message-ID: <37D59A8E.99A34692@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Had a ball with this cannon using both DSW-20 @ less than 2w and 40+ @ a bit more than 2w, thru a Z-Match. Loaded like a dream. no ground. I could definitely tell the skip zones -esp. after the E. coast quieted down. Worked OR, WA, CA, VE7's with S= 4 or 5 all the time. What a mob! Had to take some time outs for home duties but hung in late to see what I could catch on the bands. Activity and propagation really died -unless something went wrong after 11:00pm EDST. 1:00am was realllly dead.

My biggest problems were: 1.) Mud -it's been really wet and my stool kept tilting as the legs dug in. 2.) Dark. Hard to light the clock, dial, and log effectively w/tiny LED's over an 14"x24" TV-dinner table. Lots of fumbling in the dark. (remember, this is clandestine...) 3.) MOSQUITOES! clouds of 'em -didn't care what I smeared on. 4.) Pain.

still really sore back from stumbling down the mountain after the Sat.
debacle.

"Net-Net"? -IT WAS A GREAT OCCASION!! -and I really look forward to
Field R P To The Q. Thanks for all those who coordinated these great
experiences and who work their generous butts off on our humble
behalfes. (did I say that right?)

72

=s=

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Tue, 7 Sep 1999 19:06:05 EDT
From: DaveLeDuc@aol.com
To: mpaley@wcnet.org
Cc: qrp-l@lehigh.edu
Subject: [49624] Re: Morsum Magnificat
Message-ID: <8b83a737.2506f45d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I believe that Morsum Magnificat is the publication of the FISTS club.
Although I subscribe to all of the ideas and goals of FISTS I found that the
membership fee was quite expensive for what I received in return. I let my
membership lapse.

73 Dave K1EPJ

In a message dated 9/7/99 6:00:12 PM EST, mpaley@wcnet.org writes:

<< Just wondering if anyone on this reflector subscribes to Morsum Magnificat,
the morse magazine. If so, what do you think of this publication?
Mark Paley--KF8KL--
K2 #250
mpaley@wcnet.org
<http://www.wcnet.org/~mpaley> >>

Date: 7 Sep 99 19:17:10 EDT
From: Roy Lincoln <wa4dou@usa.net>

To: qrp-1@lehigh.edu
Subject: [49625] Swap:Andrews"N" 1/2" connectors
Message-ID: <19990907231711.20919.qmail@www0s.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Hi Gang,

Got 2 Andrews Type "N" connectors for 1/2" LDF heliax, 1 male and 1 female,
unused(one has some tarnishing from fingerprints).

Want to swap them for 2 (PL-259 style) UHF male connectors, for Andrews=1/2"
LDF Heliax.

Please respond "off list" to keep traffic down. Thanks es 73 de Roy Lincoln
WA4DOU Elm City, N.C.

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Tue, 07 Sep 1999 18:21:46 -0500
From: Michael Melland <badger@vbe.com>
To: qrp-1@lehigh.edu
Subject: [49626] OT: WTB RCA WG-299E probe
Message-ID: <37D59E0A.E9590DF7@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm looking for the original dc/ac-ohms switchable probe (WG-299E) to complete restoration of my collectors condition RCA WV-98C vtm. If anyone knows of one for sale please e-mail me.

Thanks,

--

Michael Melland, W9WIS
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656,
QRP-ARCI #9875, AK/QRP #478, NorCal
CW, SSB, and Electronics

List Administrator: grundig@qth.net
<http://www.qsl.net/w9wis>

Date: Tue, 07 Sep 1999 16:22:38 MST
From: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [49627] QRP-L Numbers
Message-ID: <19990907232238.34894.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

When you change your email address(es), you will not lose your QRP-L number. It is for life. Use it wisely.

: -)

FYI Film at 11 es dit dit

Chuck Adams K7Q0 CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 07 Sep 1999 18:25:53 -0500
From: "Mike D." <hrg@megsinet.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [49628] RE: Morsum Magnificat
Message-ID: <000001bef988\$54479b40\$d9d2d6d8@urbancom.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Keynote is the name of the FISTS newsletter. Morsum Magnificat is a UK based Morse magazine that was recently acquired by a new owner. You can find a link to it from my web site. Go to "Morse code links."

FISTS membership costs \$15 a year. For me the QSL bureau is worth the price

of membership alone however, I really enjoy the Keynote when it arrives every month too.

73 de Mike, N9BOR
FISTS NR 4594
<http://www.qsl.net/n9bor>

di dah dit - The only roger beep you'll ever need.
My designated driver is a 12BY7A.
I want to party like it's 1969.
Solid State leaves me cold.

Date: 7 Sep 99 19:39:49 EDT
From: Roy Lincoln <wa4dou@usa.net>
To: qrp-l@lehigh.edu
Subject: [49629] F.S. Curtis 8044ABM keyer kit
Message-ID: <19990907233949.5272.qmail@nwcst289.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Going broke building a couple of towers and putting grounding and feed systems in. Relieving the junk/goodie box and other nooks and cranny's in the shack. =

For Sale: Curtis 8044ABM keyer kit. Unused.\$25 includes shipping to you = in Conus.

Thanks es 73 de Roy WA4DOU

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Tue, 7 Sep 1999 19:35:24 EDT
From: DaveLeDuc@aol.com
To: hrg@megsinet.net, qrp-l@lehigh.edu
Subject: [49630] Re: Morsum Magnificat
Message-ID: <5825bf69.2506fb3c@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Yes, you are correct. I'm not sure how I got them confused. Maybe because they are both based in the UK.

Dave K1EPJ

Date: Tue, 7 Sep 1999 19:53:46 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <ianpurdie@integritynet.com.au>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [49631] RE: Lil' off Topic - FLUKE meter HELP...
Message-ID: <NBBBJDEEIFDDANGEGLBAEIGGNAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well... at least: what goes around, comes around... you'll note Intersil is no longer a business entity, having been bought by Harris.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

webpage: <http://www.qsl.net/n4xy/>

Date: Tue, 07 Sep 1999 18:53:58 -0500
From: Wayne Alexander <walexan@ipa.net>
To: n4so@juno.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [49632] Re: Mouser// no minimum, no handling fee
Message-ID: <4.2.0.58.19990907185239.0095fa20@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

If Mouser does not have you don't need it. Hi Hi

I get all my stuff from Mouser and they are great to deal with.

73,

N0EA

Wayne

Willard,MO

FISTS # 4907

QRP-L # 1058

Date: Tue, 07 Sep 1999 20:15:40 -0400
From: The Boices <boice@bigfoot.com>
To: qrp-l@Lehigh.EDU
Subject: [49633] FCC's ULS system
Message-ID: <3.0.6.32.19990907201540.007cb8c0@pop.megalink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Not QRP, but important nevertheless.

Ya know, I may have missed this before, but while you can register your station (you did know that call sign isn't YOURS, didn't you? It's the station's, for which you are the primary operator) in the FCC's new Universal Licensing System (ULS), you can not update anything via the internet. I discovered this as I was just attempting to notify the FCC of my new address (having moved from Texas to Maine). You must dial up the FCC directly to be allowed to make changes to your file.

Go to the main web page, via the internet, at <http://www.fcc.gov/wtb/uls/> to register (everyone's gotta register eventually), and the from that home page, click on the "Connecting to ULS" button on the left, if you're using frames. It gives the pertinent data to set up another dial up connection from Win9X to access the system directly. Luckily, it's a toll-free call.

Just thought I'd pass this along to the crew.

72,

Mike Boice, KW1ND
New Gloucester, Maine FN43uw
QRP-L # 576 ARCI ARS # 188 K2 # 185 NorCal

Date: Tue, 07 Sep 1999 20:21:42 -0400
From: Paul Stroud <aa4xx@ipass.net>
To: klqrp <klqrp@waterw.com>, QRP-L <QRP-L@lehigh.edu>
Cc: Bob Kellogg AE4IC <AE4IC@nr.infi.net>
Subject: [49634] Milliwatt Contesting from Topsail Island
Message-ID: <37D5AC16.9B487A22@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

I wanted to share the results of an interesting evening with you.

This past Labor Day, I drove down to Topsail Island (NC) and set up my station on a narrow peninsula at the extreme south end of the island. Having previously consulted the tidal charts all seemed to be in order; However, around 5:30PM it became increasingly clear that due to Hurricane Dennis' influence, the tides weren't following the book, and that my station was about to float away into the wild blue yonder.

It was a mistake to stubbornly hold onto the idea of operating from that site. After 45 minutes or so, I headed for the edge of the sand dunes on the west side of the island, a site which presents a wide expanse of salt water looking to the West and North...

The vertical went up quickly. It's a simple end fed 1/2 wave wire for 20M, supported by a 33' telescoping fiberglass pole. This pole is available from Kanga, and it is a perfect lightweight vertical antenna support. Out came the Sierra, and it was encouraging to see that the homebrew L/C matching network tuned the antenna to a flat SWR.

It was now about 6:30PM--30 minutes till the MI QRP test. To be honest, I had some reservations about running 150mW for the contest, knowing that if band conditions were way off, it could lead to a disappointing experience. OK, time for a CQ to see if things were perculating. Lo and behold, the CQ was promptly answered by GW0VSW. Now I was shaking!! Surprises were abundant, with replies from HP1AC, EA8/G4ELZ, and KH6B.

It has become apparent through the course of this experience and two previous operations from the coast, that vertical antennas close to salt water yield significantly better performance than they do at typical home QTH's. Antenna modeling programs like EZNEC also bear this out. The low angle gain is quite a kick, and can amount to as much as 8-10 dB--your mileage may vary...A previous comparison between a 20M inverted vee up 30' and a ground mounted vertical (both at Topsail island) demonstrated readily observable gain on the part of the vertical for 90% of the stations, whereas at my home QTH (125 miles inland), the inverted vee was the clear winner by 2 S units...

But I digress--Back to the MI QRP and Spartan Sprint Contests. The surprising thing was that even with the QRPp power level, the average received signal reports were 559. There were a few 449 reports, and one 339 report from CA, along with a number of 579-599 reports. A total of 43 stations were worked during the two contests.

Things learned--Sitting in the sand for 4 straight hours is hard on the backside. Sand gets into everything. Crabs are curious and somewhat

bold. One little feller kept me company for two hours, sitting patiently on a towel on top of my Sierra. Carrying 30 lbs of gear for a few miles down the beach is not cool--gotta lighten the load still more. QRP operating from the beach is absolutley delightful. Hearing all those stations while simultaneously listening to the birds and surf was a rare priviledge. QRPP is doable, especially when many of the 2-5 watt stations are way over S9...

Is this a great hobby, or what?? 72, and thanks for the fun ride,

Paul AA4XX

Paul,

Tell us what happened. Did you get rained out? After all of the investigation into antennas we've done, I'm about convinced that our next big Knightlite outing needs to be one where we use vertical antennas and are surrounded by a lot of water. I figured this would be a good chance for another test.

CUL,

Bob Kellogg, AE4IC Greensboro, NC

Prolably, not nececelery. - Benny Hill

Paul Stroud wrote:

> I'm going to do something crazy, and invite any of you who might be as
> crazily inclined to join me at Topsail Beach for the double header
> contest this Monday. I'll be setting up on a sandbar at the extreme
> southern tip of Topsail Island.

Date: 7 Sep 1999 19:29:57 LOC

From: <SFIKE@twa.com>

To: <qrp-1@lehigh.edu>

Subject: [49635] KI6DS series

Message-ID: <19990907.192957.SFIKE@twa.com>

Could someone please forward me #1 and #2 in Doug Hendricks series, "What kit should I build". I didn't join QRP-1 untill #3 was sent out so I missed the first two.

Thanks in advance to all

73/72

Scott

Date: Tue, 07 Sep 1999 17:49:39 -0700
From: Brian Chesire <BCChesire@worldnet.att.net>
To: n4xy@att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [49636] Re: Lil' off Topic - FLUKE meter HELP...
Message-ID: <37D5B2A3.34991A33@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just a short note.

Harris sold out their IC line and it is now INTERSIL, again! Check the web site.

Anybody believe in re-incarnations.

73'
Brian WA5PP0
Tucson AZ

Date: Tue, 07 Sep 1999 21:03:15 -0400
From: "The One and Only!" <mitch96@pobox.com>
To: ku7y@dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [49637] Re: Parts
Message-ID: <37D5B5D3.A19572EA@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OUFFF. good one, reverse psycology!!

Monte Stark wrote:
and how if it was working right you wouldn't need to hit the pub....>
> 73, Ron,

Date: Tue, 7 Sep 1999 19:57:05 CDT
From: George F Franklin <w0av@juno.com>
To: aa4xx@ipass.net

Cc: qrp-1@Lehigh.EDU
Subject: [49638] Re: Milliwatt Contesting from Topsail Island
Message-ID: <19990907.195857.-169569.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Paul,

I enjoyed working your mighty 150MW signals on Labor Day.

Nice work and thanks for writing an interesting story about your experience.

72 de George/W0AV

Date: Tue, 7 Sep 1999 19:52:02 CDT
From: George F Franklin <w0av@juno.com>
To: mpaley@wcnet.org
Cc: qrp-1@Lehigh.EDU
Subject: [49639] Re: Morsum Magnificat
Message-ID: <19990907.195857.-169569.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Mark,

I recently received a complimentary copy of Morsum Magnificat as a thank you for letting them publish an article on CW I wrote several years ago.

The magazine is exceptionally well done, in my opinion. Really first class in every respect.

FWIW

de George/W0AV

Date: Tue, 07 Sep 1999 20:59:04 -0500
From: Brian Murrey <brian@iquest.net>
To: DaveLeDuc@aol.com, QRP-L <qrp-1@lehigh.edu>
Subject: [49640] Re: Morsum Magnificat
Message-ID: <37D5C2E8.66F7F7CC@iquest.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No, the FISTS pub is "The Keynote", published monthly and delivered to your door for \$15.00 a year. I've been a member for about a year now (#5695) and have gotten way more than my monies worth....in my opinion. FISTS sponsored the Novice Roundup this year, they always have a great booth at Dayton (don't know about the other biggies), they're an international organization, and my favorite thing is the FISTS QSL Bureau that is included in your membership. They are not a QRP only group but they treat QRPers like QROers!

I highly recommend them to the new, and old, CW aficionado.

72

DaveLeDuc@aol.com wrote:

> I believe that Morsum Magnificat is the publication of the FISTS club.
> Although I subscribe to all of the ideas and goals of FISTS I found that the
> membership fee was quite expensive for what I received in return. I let my
> membership lapse.
> 73 Dave K1EPJ
>
> In a message dated 9/7/99 6:00:12 PM EST, mpaley@wcnet.org writes:
>
> << Just wondering if anyone on this reflector subscribes to Morsum Magnificat,
> the morse magazine. If so, what do you think of this publication?
> Mark Paley--KF8KL--
> K2 #250
> mpaley@wcnet.org
> <http://www.wcnet.org/~mpaley> >>

--

=====
KB9BVN: Norcal 40A - 1.8W - Attic Dipole
FISTS: 5695 NORCAL: 2792 QRP-L: 1540 ARRL
QTH: Central Indiana, GRID: EM69WN
=====

Date: Tue, 7 Sep 1999 22:30:40 -0500
From: "George Heron" <n2apb@erols.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>, <njqrp@njqrp.org>
Subject: [49641] Fireball Run - II contest rules

Message-ID: <01a401bef9aa\$88da0a60\$eb98accf@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Our Jersey contesting guru N2CQ reminded me to get the rules for the "FB Run II" contest posted front and center on our website ... and so I did!

You can see the rules for neat this Jersey QRP-sponsored event at a link from our home page: <http://www.njqrp.org>

What? You don't have your FB40 QRPp transmitter built yet? Well, there's 18 days left to do so, so there's plenty of time.

Say What again? You don't have one? They are still available from the Jersey QRP Club (we went in for one more final final set of components) and they're currently shipping! See the Fireball web page for ordering details <http://www.njqrp.org/fireball40/>

Side note for all those asking ... the Fireball "SOP" Receiver (companion to the FB40 QRPp transmitter) is in the final prototype build and test stages. A number of us will be using it during the FB Run contest in 18 days. We'll soon be making pricing and availability postings for this kit, so stay tuned.

[ASIDE ... Fireball "SOP" Rx short spec: 40/80m Rx with vfo tuning, matches the size of the FB40 Tx, fits into an Altoids tin, several neat options: 20m & 10m use, extra components and enclosure, more!]

72, George N2APB
n2apb@amsat.org in Baltimore, MD

Date: Tue, 7 Sep 1999 22:27:40 -0700
From: "GARY McCAUGHEY" <MAIL4GARY@worldnet.att.net>
To: <qrp-l@lehigh.edu>
Subject: [49642] Re: Lil' off Topic - FLUKE meter HELP...more

Message-ID: <006b01bef9ba\$e2ef00e0\$56dc4d0c@garymcca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for all the info gang. The chip that is in this old FLUKE 8020 is an INTERSIL 429100 8325.

Can't seem to find any info on it yet. Still looking. It sure would be nice if that was the cure.

I have found the "ubiquitous ICL7106" that Ian spoke of in his email. Wonder if it is the same thing. They are cheap enough.....but there are about 10 different variations on the ICL7106.....can't try them all.

Gary
W2UX
Lexington, SC

CW is the REAL THING, USE IT or LOSE IT!

Date: Tue, 7 Sep 1999 21:30:13 -0500
From: "Charles Hamel" <cdhamel@pdq.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [49643] DSW-20
Message-ID: <004c01bef9a2\$17a41500\$dfe590d1@cdhamel>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am in the process of building a DSW-20, now for those who have built this rig I need a little help! I am at the part D8 (1N5818). The instructions say note the installation orientation as shown. Problem is, to me its not shown! Does the stripe go up or down towards the board?

If Im looking down on the board with d8 in top right section of the board.

Thanks

confused

Date: Tue, 07 Sep 1999 23:01:18 -0400
From: The Boices <boice@bigfoot.com>
To: qrp-1@Lehigh.EDU
Subject: [49644] More on ULS
Message-ID: <3.0.6.32.19990907230118.007bd210@pop.megalink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

After fiddling with the FCC's instructions on getting into the ULS, and letting the new java script download, I was able to update my address. Lemme tell ya, the ol' 610 was much more friendly to deal with. But, the times, they are a changin'.....

FWIW, if you're trying to find someone, they've split hams up into 2 radio services: HA for all regularly issued licenses and OLD vanity calls (I believe the original system was in the 70's), and HV for new vanity system calls. I couldn't figure out why I couldn't find my callsign in there until I noticed the two different radio service codes.

72,

Mike Boice, KW1ND
New Gloucester, Maine FN43uw
QRP-L # 576 ARCI ARS # 188 K2 # 185 NorCal

Date: Wed, 8 Sep 1999 02:50:43 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [49645] Re: Input about DXCC
Message-ID: <00ac01bef99e\$4e9fd840\$d742b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As an avid QRPER and DX chaser, I don't feel any need to 'pressure' the ARRL for a 'special' qrpdxcc.

I think many folks lose their purpose in achieving many of the awards available today. The paper is only documentation that criteria have been met. The REAL achievement is the knowing inside ourselves that a goal has been met. If you have to have public adulation for your awards, you're doing it for all the wrong reasons.

Another reason is that the awards committee has no real way to verify that

you in fact were actually qrp or not qrp. So we have to be satisfied in our own minds. Since it is international in scope, we should keep the scope of the award pointed to those areas which can most reasonably be verified. I think to ARRL made a big mistake in allowing WAS/qrp.

QRP is merely a power level adjustment, not a mode of operation!

I'm not trying to strike at anyone's sensibilities, just my view.

There is nothing to stop any other group for offering such an award, like ARCI, QRP-L or NorCal or any other group. I think the qrp way is the better way!

de Steve, W8SFF

Date: Tue, 07 Sep 1999 20:05:25 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: cdhamel@pdq.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [49646] Re: DSW-20
Message-ID: <37D5D275.F6E34521@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Stripes (cathodes) always go UP; see page 11 of the manual.

Phil

Charles Hamel wrote:

>
> I am in the process of building a DSW-20, now for those who have built this
> rig I need a little help! I am at the part D8 (1N5818). The instructions
> say note the installation orientation as shown. Problem is, to me its not
> shown! Does the stripe go up or down towards the board?
>
> If Im looking down on the board with d8 in top right section of the board.
>
> Thanks
>
> confused

Date: Tue, 7 Sep 1999 23:13:19 EDT
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [49647] SP - QRP Test - TT C21/ indoor ant
Message-ID: <1d4a9fc2.25072e4f@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I must jump in and say that i feel like a dolt for forgetting this years
SP...by the time i got on, the only qso i landed was Gary, AB7MY. but i did
hear a lot of activity on 40. im not really set up for 40 so when i called
Gary, he was copying me while i was using my TT C21 to my indoor 20m
horizontal loop in my den! Good ears Gary!

I also heard a few other calls from the list but couldnt get them...i tried
for N7MFB as his sig was quite solid...but no cigar. maybe next year.

73...Adam, N7YA

Date: Tue, 7 Sep 1999 22:12:19 -0500
From: "Charles Hamel" <cdhamel@pdq.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [49648] Re DSW-20
Message-ID: <001301bef9a7\$f90101c0\$d11a90d1@cdhamel>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I got my answer! Thanks all!

If I would have read the manual better I would have answered my own
question!

sorry for the bandwidth!

Charles (KC5DXQ)

Date: Tue, 07 Sep 1999 22:56:10 -0500
From: crc <crc@io.com>
To: QRPL <QRP-L@Lehigh.EDU>, Stuart <rohre@arlut.utexas.edu>
Subject: [49649] DSW 30
Message-ID: <37D5DE5A.85929430@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hooray another DSW on line....Got my DSW-30 friday USPS priority,
finished and on the air by Sat AM.a little trouble with the connector
cables but fast solder fix and on the air. I am running abt 1 1/2 watts
so any one with the perk up tips to 2 watts would be appreciated. I like
the easy selections with the keyer, easy to use my CMOS III straight
though.30 is hot , reminds me of 40 years ago,all cw all the time.
Charlie
wa5krf
Austin, Texas

Date: Wed, 8 Sep 1999 00:23:42 EDT
From: AD6EZ@aol.com
To: qrp-l@lehigh.edu
Subject: [49650] Tnx To All -
Message-ID: <3349a2d9.25073ece@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Gang -

Tnx to all who responed with info on QRP-L numbers vs. changing email
address. I have it all squared away - finally!

My personal Email is dennismo@aol.com same as it has been.
My new Email is ad6ez@aol.com I will use this address for all my
ham related Email reflector mail.

Tnx agn to all -

God Bless es 72 de Denny AD6EZ <><

Date: Tue, 7 Sep 1999 23:44:31 -0500 (CDT)
From: kc0bdw@webtv.net (Hal Schlotfeld)
To: qrp-l@Lehigh.EDU
Subject: [49651] HTX-100
Message-ID: <24250-37D5E9AF-135@postoffice-213.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Actually it will be out the beginning of Oct. in the warehouses so you

can order them then. It does CW,SSB,FM at 25W. The ranges are from 28.0 to 29.7Mhz. Also you now can order parts from RadioShack.Com (Tech America) at your local stores. All it is you have to put a 9 in front of the stock number. I know none of the standard disclaimers apply as I am a employee of RS.

72's

Hal

Date: 8 Sep 99 01:12:29 EDT

From: Roy Lincoln <wa4dou@usa.net>

To: ap036@detroit.freenet.org, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [49652] Re: [Re: Input about DXCC]

Message-ID: <19990908051229.13330.qmail@nwcst281.netaddress.usa.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: quoted-printable

Bravo Steve, and well said! 73 Roy WA4DOU

-----=
- =

=

=

"Steve

Sorrell" <ap036@detroit.freenet.org> wrote:

As an avid QRPER and DX chaser, I don't feel any need to 'pressure' the A=RRL

for a 'special' qrpdxcc.

I think many folks lose their purpose in achieving many of the awards available today. The paper is only documentation that criteria have been=

met. The REAL achievement is the knowing inside ourselves that a goal ha=s

been met. If you have to have public adulation for your awards, you're doing it for all the wrong reasons.

Another reason is that the awards committee has no real way to verify tha=t

you in fact were actually qrp or not qrp. So we have to be satisfied in =our

own minds. Since it is international in scope, we should keep the scope =of

the award pointed to those areas which can most reasonably be verified. =

I

think to ARRL made a big mistake in allowing WAS/qrp.
QRP is merely a power level adjustment, not a mode of operation!
I'm not trying to strike at anyone's sensibilities, just my view.
There is nothing to stop any other group for offering such an award, like=

ARCI, QRP-L or NorCal or any other group. I think the qrp way is the bet=
ter
way!
de Steve, W8SFF

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Wed, 8 Sep 1999 01:08:30 -0700
From: Robert P Engelman <rengelwb8uoj@juno.com>
To: qrp-l@lehigh.EDU
Subject: [49653] Parts
Message-ID: <19990908.010836.-81771.1.rengelwb8uoj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Thanks again to all who offered help and input to my present parts dilemma. Mac, KF4KSM was first to offer the parts to me, so I have taken him up on his offer. Once again I have been surprised at the amount of E-mail and offers that I've recieved in regards to this problem. You all deserve a pat on the back. I hope that some time my turn will come back around so I can help someone who needs a bit of assistance.

I'll get this rig on the air if it kills me !!

well, maybe just aggravates me enough to ask for a "newer" QRP rig for Christmas....

Thanks to all,

Bob WB8UOJ

May God bless you

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 8 Sep 1999 00:19:06 -0500
From: "John Burnley" <burnleyia@home.com>
To: <IaQRP-L@divis17.ped-gen.uiowa.edu>
Cc: <qrp-1@lehigh.edu>
Subject: [49654] Upcoming Iowa QRP Events
Message-ID: <003e01bef9b9\$ad78e580\$1b790818@c149522-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The next meeting of the Iowa QRP Club will be Saturday September 18, 1999 at 1:00pm at the Urbandale Public Library. If you need directions please Email me privately. Bring along your latest projects and goodies for show and tell.

The Iowa QRP Club will have a display table at the West Liberty, Iowa hamfest on October 3, 1999. Adam (AK0P) has reserved us a table (thanks much to Adam). We will also have available a limited supply of audio amp boards donated by the St. Louis QRP Society.

The Iowa QRP Club will also have a display table at the Des Moines hamfest on October 31, 1999. We may have the St. Louis QRP Society audio amp boards available there as well. Please bring your projects and goodies for show and tell at either (or both) hamfests!

We will also have goodies from NorCal to give away at the West Liberty and Des Moines hamfests. NorCal has been a great supporter of our club and I thank Doug and Jim for their past and continued support.

I'm really pleased to add a few goodies to our permanent display. The St. Louis QRP Society has donated several issues of the 'Peanut Whistle' (their outstanding newsletter) and the CW Operator's QRP Club (Australia) has donated sample issues of their great newsletter 'Lo-Key'. They will really add to the display information and I thank both Dave Gauding (NF0R) and Don Callow (VK5AIL) for their support of our QRP display.

Finally, I'll have free hook-up wire available at the hamfests. My employer is upgrading their LAN wiring and they are tossing a bunch of the older multiconductor cable (great for wiring QRP goodies). I'll have various lengths and feel free to grab some.

Sorry for all the bandwidth! I hope to see you soon at one of the events.

72, John NU0V

Date: 8 Sep 1999 9:30:15 GMT
From: rfoltz@turbonet.com
To: qrp-1@lehigh.edu
Subject: [49655] Wrangell Island - NL7QT
Message-ID: <05311954605807@turbonet.com>

Last week Don, NL7QT, informed the group that he would be operating from Wrangell Island, AK between Sep 3 and Sep 19.

I just worked him at 0508 UTC on 7.140 MHz. A 449 into northern Idaho. He was looking for more contacts.

72,

Randy
K7TQ ARCI QRP-L NORCAL ARS FISTS CQC
Moscow, ID

Date: Tue, 7 Sep 1999 22:47:24 -0700
From: "John Moriarity" <k6qq@hdo.net>
To: <boice@bigfoot.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [49656] Re: FCC's ULS system
Message-ID: <003501bef9bd\$a12a6d40\$f8424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Go to the main web page, via the internet, at
http://www.fcc.gov/wtb/uls/
> to register (everyone's gotta register eventually), and the from that
home
> page, click on the "Connecting to ULS" button on the left, if you're
using
> frames. It gives the pertinent data to set up another dial up
connection
> from Win9X to access the system directly. Luckily, it's a toll-free
call.

>

Also, it only works with Netscape, *NOT* with Microsoft's Internet Explorer. (Maybe that's a way the government gets back at Microsoft??)

72,

John, K6QQ

Date: Wed, 8 Sep 1999 02:23:09 EDT
From: Synapse456@aol.com
To: qrp-1@lehigh.edu
Subject: [49657] St Louis Vertical
Message-ID: <c795ba7e.25075acd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Has anyone used a St Louis Vertical as a more "permanent" antenna? I live in one of those antenna restricted developments but the vertical sort of disappears into an area of my backyard with a few trees near it because of its thin profile. I suppose I could make the mounting spike into a longer rod and put some guy wires above the coil to stabilize it in the wind. Any other ideas ? Thanks

Dan Birnbaum
KD6AXT

Date: Wed, 08 Sep 1999 02:29:04 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [49658] AB7MY's good ears!
Message-ID: <37D61E50.5B9A@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I agree with N7YA on how good Gary's ears are that night of the test. I had planned to use my SW-40 but could not get it hooked up at work. At lunch time went out to my truck and listened on 40 meters. The only antenna I had was a 10 meter whip and my IC-706. Gary was VERY quite

readable on the whip even though it was too short. I gave him a call thinking he would never hear me....WRONG...Came back to me and gave me a 559!!

He was my one and only Q' on 40...but was sure fun! Way to go Gary!!
What kind of antler are you using there anyway??

72, Tom WB5QYT..."Have spud will travel!"

Date: Wed, 8 Sep 1999 19:59:50 +1000
From: Daniel Bartlett <ausham@rocknet.net.au>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [49659] Morse Code - Should we have it?
Message-ID: <01BEFA35.03093BA0@rocknet>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

G'day everyone...

I have created a quick poll, that simply asks whether morse code should =
be kept in amateur exams, and asks for a yes or no answer.
Please view it at:
<http://apps3.vantagenet.com/zpolls/poll.asp?id=3D99763453>

Personally, even though I like CW, I don't think that it should be an =
examination criteria, as it is no longer an integral part of 'wireless =
communications' today. I believe it should be replaced with a practical =
test of some shape or form (eg, a fault finding test), which would show =
a good knowledge of the topic of radio.
Just my ideas - what do you have to say about it. (Ducks, and waits to =
be hit...)

Dan

73 es 72 de Daniel Bartlett, VK4HDB=20
<http://www.qsl.net/vk4hdb/index.htm>
ausham@rocknet.net.au
1 Goodson Rd, Bouldercombe, Queensland 4702, AUSTRALIA
+61 07 4934 0389=20
QRP-L #2002

Date: Wed, 8 Sep 1999 02:41:05 -0800
From: Bruce Hopkins - KL7H <kl7h@arrl.net>

To: qrp-1@lehigh.edu
Subject: [49660] KL7H - QRP Gear - Garage Sale
Message-ID: <v03007804b3fbb3ba72c9@[208.161.166.151]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

Finishing up my Analog Hamshack, as my wife calls it, and have decided some of my excess QRP gear must go to finance the new Boatanchors that are arriving... I have several items for sale, all are in like new condition and meet manufacturers specs unless otherwise noted... Postage additional...

1. WM-75 - Small Wonder Labs White Mountain 75 Meter SSB QRP rig... This rig puts out about 5 watts and is built in Dave's custom enclosure and includes the push button frequency readout... Included with this rig is a Premier SPM-100 speaker mic and all documentation... New WM-75 Kit \$100, Enclosure & freq. counter \$60, Speaker Mic \$30... Asking \$150 for all
2. LDG QRP Antenna Tuner in LDG's custom case... Near new condition with all documentation... New Kit \$125 / Assembled \$160... Asking \$125
3. Rainbow Tuner - Not assembled, with full documentation... Will include a genuine Altoids tin to boot... \$25
4. KnightSmite - Surface mount Pixie Kit not assembled, with full documentation... Will include genuine Altoids tin... \$10
5. Jersey Fireball 40 Rev A Kit... Complete, not assembled, with documentation and an Altoids tin... \$10
6. Ramsey 20 Meter QRP receiver and transmitter kit - assembled, no cases... Working as well as these kits work without mods... Both with documentation \$20 for the pair

And a couple non-QRP items...

7. Casio E-10 PDA running Windows CE Ver. 2 with 4MB of ram, PC docking station, all software & documentation and original box... Less than a year old, used less than 10 hours... In brand new condition... It was bought for a specific job which did not materialize and is surplus to my needs... New \$400 Asking \$250 obo...
8. If we have any CB collectors on the list, I have a COBRA Model 85 CB Radio... This is absolutely brand new and in its original box... It has

only been out of its box for inspection, all accessories still sealed...
AC & DC power cords & documentation... This was one of COBRA's first solid
state base radios made in the 70's... I am sure this would be an easy
conversion to 10 Meter AM but probably should be kept as a collectors
item... Asking \$75 obo

Items 1 2 6 & 7 will be shipped Priority Mail within the US for \$5...
Items 3 4 & 5 will be shipped Priority Mail within the US for \$3... Item 8
will vary depending which Zip it is shipped to... I would estimate it
would be in the \$10 range... Items going outside the US charged at actual
postage rate, to be determined...

Items can be seen at: <http://home.gci.net/~bhopkins/fs>

Thanks for taking a look... Help me out here guys before Tosh takes a
look in the grocery pocketbook... 8^) Take care and have fun...

72 / 73 / oo's - Bruce - KL7H
Fairbanks, Alaska

"Alaska QRP Club" - Web Site: <http://home.gci.net/~bhopkins/akqrp>
or: <http://www.qsl.net/kl7aqc>
- 10 Meter Beacon: 28.282.28+/- KL7AQC / BCN

Date: Wed, 8 Sep 1999 07:06:05 -0400
From: "Tom Bowman" <tbowman@nbn.net>
To: <whowell@hq.nasa.gov>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [49661] Re: off topic, but please help!!!
Message-ID: <007d01bef9ea\$2947fe00\$2e468bd0@tombowma>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Scott,

I'm sure there are others on the list using any of several versions of Outlook Express so I'm posting this here.

Check

microsoft.public.windows.inetexplorer.ie5.outlookexpress

for solid information on using Outlook. Unlike many news groups, those related to Microsoft software questions are great....

73,

Tom, WA3REY

-----Original Message-----

From: Scott Howell <showell@hq.nasa.gov>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Tuesday, September 07, 1999 2:46 PM
Subject: off topic, but please help!!!

>ok this is an E-mail question. I lost the address to a kind soul who
>answered my outlook express question

Date: Wed, 08 Sep 1999 07:39:55 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: k6qq@hdo.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [49662] Re: FCC's ULS system (Netscape YES Explorer NO)
Message-ID: <3.0.2.32.19990908073955.007bfdf0@bosshog.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

John et al,

Same results here. After doing the setup, couldn't get anything else to work with Explorer.

>Also, it only works with Netscape, *NOT* with Microsoft's Internet
>Explorer. (Maybe that's a way the government gets back at Microsoft??)

>

>72,

>

>John, K6QQ

>

>

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Wed, 8 Sep 1999 05:54:46 -0700
From: Dave Barrett <DBarrett@creo.com>
To: "'ausham@rocknet.net.au'" <ausham@rocknet.net.au>, "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [49663] RE: Morse Code - Should we have it?
Message-ID: <CE0A40BFE0CDD111A2B800A0C99B83EB01313B7F@msgcreo2.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi Daniel

I fully agree with you, It is a fine tradition and should be kept so that some can use that mode if they wish. However I believe it should be replaced in the exams by a test or questions of a more up to date technology topic. There is absolutely no point to it other than as a "filter" to keep the "old boys club" private.....in short in this day and age with our hobby suffering declined membership I believe we need to "encourage" new blood into the hobby rather than excluding folks.

I also have my 15wpm CW ticket here in Canada but am fully behind the concept of removing it from the exams! I think if one was to ask the majority of the Ham population some more recent technological questions the majority would not be able to answer them. Something about Spread Spectrum, Ghz region operation, Static Protection, Integrated Circuits or Cell Phone technology.

All of which directly impact our hobby !

Good going mate and good luck on the survey.

Keep us posted as to the results.

Dave VE7PCC Vancouver BC Canada.

-----Original Message-----

From: Daniel Bartlett [mailto:ausham@rocknet.net.au]
Sent: Wednesday, 08 September, 1999 3:00 AM
To: Low Power Amateur Radio Discussion
Subject: Morse Code - Should we have it?

G'day everyone...

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Please view it at:

<http://apps3.vantagenet.com/zpolls/poll.asp?id=99763453>

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Just my ideas - what do you have to say about it. (Ducks, and waits to be hit...)

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73 es 72 de Daniel Bartlett, VK4HDB
<http://www.qsl.net/vk4hdb/index.htm>
ausham@rocknet.net.au
1 Goodson Rd, Bouldercombe, Queensland 4702, AUSTRALIA
+61 07 4934 0389
QRP-L #2002

Date: Wed, 08 Sep 1999 06:24:21 MST
From: "Chuck Adams, K7QO" <k7qo@hotmail.com>
To: DBarrett@creo.com
Cc: qrp-l@lehigh.edu
Subject: [49664] RE: Morse Code - Should we have it?
Message-ID: <19990908132421.52265.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Dan et.al.,

This topic has been beat to death and is to be taken elsewhere. No code flamewars on this mail reflector.

To ignore this message will result in termination. EOM

dit dit de QRP-L #1

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 8 Sep 1999 16:17:17 +0700

From: "Donny Sirait" <dsirait@centrin.net.id>
To: "QRP Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [49665] Re: QRP-L Numbers
Message-ID: <199909081328.UAA29542@ariel.centrin.net.id>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

>
> When you change your email address(es), you will not lose your
> QRP-L number. It is for life. Use it wisely.
>
What if you change callsign?
I'm about to have a new callsign since I move to a new call area
(We still do it here change call area, change callsign) but I would
like to retain my qrp-l number anyway I'm still the same person
and beside that reducing administrative burden on the hardware.

Thanks es 72 de Donny YB6LD/1. qrp-l # 2004

Date: Wed, 8 Sep 1999 16:16:43 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "QRP Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [49666] Bending rocks
Message-ID: <199909081328.UAA29539@ariel.centrin.net.id>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Dear friends,

Suppose we try to bend a rock say a 11.050MHz rock
and are able to bend it for about 10 KHz, what freq does
we get?

Is it:

11.040-11.050 or

11.045-11.055 or

11.050-11.060 or

other frequency?

Help will be very much appreciated direct or through the list.

72 de Donny YB6LD/1 qrp-l # 2004

Date: Wed, 8 Sep 1999 08:43:48 -0500
From: Karl.Kanalz@optelinc.com
To: kc0bdw@webtv.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [49667] Re: HTX-100 (or is it HTX-10?)
Message-ID: <862567E6.004BF1EF.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Wait a "sec", Hal.... you said "it" will be out the beginning of October, but are you talking about a "new" HTX-100 or a "new" HTX-10? From previous posts, there seems to be a little confusion about the model number, one person saying that the HTX-10 was a "remake" of a CB-to-ham radio that Radio Shack had in the skunk works.

Yet another post said that the "new" rig didn't do CW, but only AM/SSB/FM.

What's the REAL "skinny" on this alleged "new radio" from Radio Shack?

Karl K - W8TIF
McKinney, Texas

kc0bdw@webtv.net (Hal Schlotfeld) on 09/07/99 11:44:31 PM

Please respond to kc0bdw@webtv.net

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: HTX-100

Actually it will be out the beginning of Oct. in the warehouses so you can order them then. It does CW,SSB,FM at 25W. The ranges are from 28.0 to 29.7Mhz. Also you now can order parts from RadioShack.Com (Tech America) at your local stores. All it is you have to put a 9 in front of the stock number. I know none of the standard disclaimers apply as I am

a employee of RS.
72's
Hal

Date: Wed, 8 Sep 1999 08:53:47 -0500
From: Karl.Kanalz@optelinc.com
To: dsirait@centrin.net.id
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [49668] Re: Bending rocks
Message-ID: <862567E6.004CDBBC.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

"Bending the rock" depends on just how you're trying to "bend" it,
Donny.

There are numerous VXO (Variable Xtal Oscillator) circuits in the
literature (the ARRL Handbook for one! -- Get a copy!) and other
sources of information. Which way the crystal (xtal) "bends" is
largely determined by the crystal oscillator circuit you're using.

SOME crystals (depending on holder type) can bend "up" while
others can "bend" down -- it just depends on the particular circuit
you're using.

Karl K - W8TIF
McKinney, Texas

"Donny Sirait" <dsirait@centrin.net.id> on 09/08/99 04:16:43 AM

Please respond to dsirait@centrin.net.id

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Bending rocks

Dear friends,

Suppose we try to bend a rock say a 11.050MHz rock
and are able to bend it for about 10 KHz, what freq does
we get?

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11.045-11.055 or

11.050-11.060 or

other frequency?

Help will be very much appreciated direct or through the list.

72 de Donny YB6LD/1 qrp-l # 2004

Date: Wed, 08 Sep 1999 07:01:31 MST
From: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
To: dsirait@centrin.net.id
Cc: qrp-l@lehigh.edu
Subject: [49669] Re: QRP-L Numbers
Message-ID: <19990908140131.59530.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

If you change callsign, send email to Jim, N3VXI, lujce@lehigh.edu
and tell him you old call, your new call, and your QRP-L number.
He will change it in the database.

There is no web interface to do this and most likely will not be
for security reasons.

dit dit

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 08 Sep 1999 10:01:08 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: DaveLeDuc@aol.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [49670] Re: Morsum Magnificat
Message-ID: <3.0.5.32.19990908100108.00812240@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

no, your thinking of the Keynote. That is the Fists newsletter and the other mag is completely separate.

73 de Scott/n3byy

At 07:06 PM 09/07/1999 EDT, DaveLeDuc@aol.com wrote:
>I believe that Morsum Magnificat is the publication of the FISTS club.

Date: Wed, 08 Sep 1999 07:34:17 PDT
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [49671] Turkish Morse and QRP backpack
Message-ID: <19990908143417.77578.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Margaret and I are about to leave on another backpack. This time we'll head together for Cutthroat Pass, Washington. All HF ops will be on 40-m band, principally on or around 7040 and 7110 kHz.

When I served in Ankara at the U.S. Embassy, I joined the very active Ankara ham club. I discovered that the Latin-based Turkish alphabet is incompletely covered by the Turkish Morse code. For example, the undotted "I" as in Istanbul is the same as the dotted "i". Also the "silent G" is

sent as a "G". Other characters already have their Morse equivalent in other Latin-based alphabets. I offered suggestions for Morse characters, but the proposal was met by large yawns. There is very little Morse activity on the air in the Turkish language. Hams there much prefer phone modes. Landline Morse played a big part, by the way, in the war which brought Ataturk to power.

72, Bruce Prior N7RR in Blaine, WA -- one of the Mangy Mushers

JERRY BROWN asked:

>Does anyone know where to find Mr. Morse's
>code as it is represented in Arabic> and Turkish alphabets?>
>I bet the website is out there somewhere.>> 72,>> Jerry, N4E0>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 8 Sep 1999 10:51:13 EDT
From: Wb4jjj@aol.com
To: qrp-1@lehigh.edu
Cc: K4AHK@ix.netcom.com
Subject: [49672] NOVA-QRP Get Together this weekend
Message-ID: <c59e45d9.2507d1e1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Just a reminder that NOVA-QRP's first get together is Saturday, September 11, 1999 at Mama's Restaurant in Fairfax, Virginia. Full details from K4AHK@ix.netcom.com. 28 are on the list so far, and we expect Mama's to be rocking when it opens at 11:00 am...

We're betting that NOVA-QRP becomes the group of choice for QRP'ers in Northern Virginia. It's also the only choice, or so it appears...

73, Al, WB4JJJ

Date: Wed, 08 Sep 1999 10:52:13 -0400
From: Joseph Mikuckis <k3chp@erols.com>
To: qrp-1@Lehigh.EDU
Subject: [49673] Question re Crystal Grinding
Message-ID: <37D6781D.3675@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

What compound or material should I use for crystal grinding? Thank you.

Joe, K3CHP
k3chp@erols.com

Date: Wed, 08 Sep 1999 07:53:10 PDT
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [49674] Istanbul
Message-ID: <19990908145310.73804.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hmmm ... Maybe Istanbul uses a dotted Turkish "I". I've forgotten. In any case the writing system distinguishes between dotted and undotted "I"s in both capital and lower-case forms.

Gotta run so we can drive and then walk and then QRP!

72, Bruce Prior N7RR in Blaine, WA -- one of the Mangy Mushers

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 08 Sep 1999 10:55:43 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [49675] Re: Input about DXCC
Message-ID: <37D678EF.CF3@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Monte Stark wrote:

> Hi Ed,

> Open question.....because I've been asked many, many
> times....

> Many QRPers would like to see the ARRL become consistant

> in their award program.

> One of the main areas is having a QRP endorsement available
> for DXCC.

> What many of us really want to know is what can we do to
> make our voices as effective as we can?

> Thanks for any tips Ed,

> cul,

> 73, Ron, SOWP 5545M,

Hi, Ron,

Oh, why do I feel like I am between a rock and a hard place? :-) But let me offer an answer to your question. Share this with whomever you like, in any forum. I will answer as an avid QRPer and as an ARRL staffer, without trying to influence opinion in either direction.

In previous posts, I have offered the reasons that ARRL does not have a QRP endorsement for its DXCC award. You and I have had a few conversations about this, and I think we have agreed to disagree about the validity of some of those reasons. To summarize, the DXCC award is based on what can be verified from the QSL cards, legitimately by the operator issuing the card. It is not possible for ARRL or anyone to verify that either operator was running QRP. The award is not based on power at all.

Now, of course, reasonable minds can disagree. There could be many who feel that this is not appropriate, that the reasons are not valid and that they would like to influence the ARRL's decisions. In this, as in all matters, I encourage League members, and "prosecutive members" to make their views known to the ARRL.

The process for setting the rules for the ARRL DXCC award starts with the ARRL DX Advisory Committee. This committee makes recommendations about the DXCC program. Those recommendations are made to the ARRL Membership Services Committee. In many cases, because DXCC is so popular with ARRL members, the final decisions are made by the ARRL Board of Directors as a whole.

Now, to answer the specifics of your question, this is covered by DXCC Rule 16:

"16. The ARRL DX Advisory Committee (DXAC) requests your comments and suggestions for improving DXCC. Address correspondence, including

petitions for new listing consideration, to ARRL Headquarters, DXAC, 225 Main St., Newington, CT 06111, USA. The DXAC may be contacted by email at dxac@arrl.org. Not that this address is valid for the DXAC only. Correspondence on routine DXCC matters should be addressed to the DXCC Desk or by email to dxcc@arrl.org."

Your well-reasoned and reasonable input should be sent to two places. First, the DXAC has regional representatives, by ARRL Division. The DXAC members, and a general email address, are listed on:

<http://www.arrl.org/awards/dxcc/advisory.html>

You should also send a copy to your ARRL Division Director, with a courtesy cc to your ARRL Division Vice Director. Info on the ARRL Directors is found at:

<http://www.arrl.org/divisions/>

You can reach your Director and Vice Director by mail, telephone or email. It is also effective to attend the ARRL Forum at ARRL Conventions and hamfests and make your views known in person in a public forum. The important thing is to communicate your views about DXCC to the DXAC and your Director and Vice Director.

Please, do not SPAM the entire group; that will probably cause more hard feelings than not. I will add that a number of QRPers have discussed their concerns about DXCC with me, and I have discussed them, in very general terms, with a few of the Directors, in the course of casual conversations at slow times behind the League booth. There is certainly some support for the general idea among some Directors. I have NOT talked to all of them, of course, and YOUR input means more to them than mine.

If you have views about the ARRL's DXCC program, you should first compose a well-written email or letter to the ARRL, as outlined above, explaining your views and opinions. Make this as constructive as you possibly can! A statement such as, "I base my membership decisions on the overall picture, but this issue is very important to me" will be more effective than a more "direct" approach. Be as specific as you can about what you would like to see changed, why you want the change, how the change could easily be accomplished and what benefit the change will have. Include your callsign and QTH, so HQ can direct your input to the appropriate DXAC member.

I will NOT be forwarding any discussion here to the Directors or DXAC; you will have to do that on your own, but if I can be of any help to facilitate communications, don't hesitate to ask. Best of luck! I, too, will make my views known to Tom Frenaye, the NE Division Director.

I will add a personal comment that as an HQ staff matter, I recently was successful in obtaining permission to add an unofficial QRP "endorsement" to the /130 operating event. What I had proposed is that a QRP sticker be added to the award, signifying that the applicant had affirmed that he or she was using QRP to make the contacts. This "affirmation" is NOT "verifying" that the applicant was QRP; it is not intended to do so. It is a pretty sticker added to the certificate to make it more valuable and appealing to the recipient. Considering that NO QRP award CAN "verify" the power level, they are all just pretty stickers. Perhaps this is the approach that could be taken with respect to all awards issued by any organization.

73,
Ed Hare, W1RFI
ARRL Lab

Date: Wed, 8 Sep 1999 10:02:50 -0500 (EST)
From: igeq100@iupui.edu
To: Dave Barrett <DBarrett@creo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [49676] RE: Morse Code - Should we have it?
Message-ID: <Pine.HPP.3.96.990908095137.22159C-1000000@ruby.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, All -

Here's my two cents worth on the morse code issue. I can agree with (or see the logic of) most of the arguments on both sides of this issue. But here is a more pragmatic view. If CW is removed as a license requirement, it will be very hard to maintain the present CW segments of the amateur bands in the face of pressure from other (phone, SSB) interests within ham radio, or from commercial and/or government pressures from outside. CW is the lifeblood of QRP, and if the "protected" CW segments are gone, so is our hobby.

To those who argue that precious frequency spectrum space should not be kept as a public "playground" for amateur radio (and especially CW) enthusiasts, I offer the national park system as an example. Here we have set aside, as a country, a valuable resource for the recreational use of our citizens (and plenty of QRPers). This real estate has great commercial value, yet we (in our wisdom, I contend) have chosen to keep it off the market and accessible to the public. I view spectrum space as an analogous resource, and if keeping CW as a licensing requirement offers us some degree of protection, I am all for it.

Some of my thoughts, for what they're worth.

73,

Richard Meiss, WB9LPU

Date: Wed, 08 Sep 1999 08:08:34 -0700
From: Rich Wilkerson <richqrp@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [49677] Re: FCC's ULS system
Message-ID: <37D67BF2.BE83E069@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In its setup, it shows how to configure your system to get where you need to be, but what if you are on a "LAN" such as me?

--

72's & 73's
Rich Wilkerson, Santee, Ca
WD6FDD

Date: Wed, 8 Sep 1999 10:07:22 -0500
From: Karl.Kanalz@optelinc.com
To: k3chp@erols.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [49678] Re: Question re Crystal Grinding
Message-ID: <862567E6.00539885.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Assuming you're going to be grinding a quartz "blank" (or "slab") from an FT-243 holder [or one that is similar], you can use a wide variety of materials for grinding, Joe.

Perhaps the most common in "the old days" was to use "Bon Ami" or "Dutch Cleanser" scouring powders. I don't know if those particular brands are still available, but you could use "Ajax" or other similar scouring powders, mixed with a touch of water on a THICK glass plate

as the grinding baseplate.

Keep in mind that Ajax (and similar) scouring powders can move a rock (crystal) quite a ways in just a few figure-eights (you DO plan to hold your crystal with your index and middle fingers on diagonal corners while moving it in a figure-eight pattern, don't you?).

Accordingly, you may want to try using something like "Soft Scrub", a much finer "grit" of scouring powder than Ajax, in a liquid form. You'll move the frequency of the crystal blank a bit slower as a result.

For absolute "ultra-fine" frequency moving, use jewellers' rouge. It's available in powder and "stick" form. A little bit goes a long way in grinding life span, but it moves (gronds) the crystal blank verrrry slowly.

Don't forget to alternate diagonal corners as you make those figure-eights, Joe.

Also, don't forget to "flip it over"..... that is, turn the crystal blank OVER and grind on the other side.

Keep in mind (as if you didn't already know!) that since you're grinding AWAY material, the frequency of the quartz crystal is going to go UP. If you wind up going too far, you can either apply compensation in the oscillator to bring it back "down" on frequency, or you can try the old trick of applying a thin coat of graphite pencil lead to the crystal blank to "load it down to frequency" (this has limited useage, however, and can severely reduce the activity of the crystal).

Good luck, and welcome to "the old timers' way of doin' it" !!

Karl K - W8TIF
McKinney, Texas

Joseph Mikuckis <k3chp@erols.com> on 09/08/99 09:52:13 AM

Please respond to k3chp@erols.com

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Question re Crystal Grinding

What compound or material should I use for crystal grinding? Thank you.

Joe, K3CHP
k3chp@erols.com

Date: Wed, 8 Sep 1999 08:15:33 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-1@lehigh.edu
Subject: [49679] Re: FCC's ULS system
Message-ID: <19990908081533.A7060@bob.localnet>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Tue, Sep 07, 1999 at 10:47:24PM -0700, John Moriarity wrote:
> > Go to the main web page, via the internet, at
> <http://www.fcc.gov/wtb/uls/>
> > to register (everyone's gotta register eventually), and the from that
> home
> > page, click on the "Connecting to ULS" button on the left, if you're
> using
> > frames. It gives the pertinent data to set up another dial up
> connection
> > from Win9X to access the system directly. Luckily, it's a toll-free
> call.
> >
>
> Also, it only works with Netscape, *NOT* with Microsoft's Internet
> Explorer. (Maybe that's a way the government gets back at Microsoft??)

True, but it also only works with Windows (not Linux, BSD, Macintosh,
etc.), so Microsoft wins again.

Bob, W6SWE

--

Bob Nielsen	Internet: nielsen@primenet.com
Tucson, AZ	AMPRnet: w6swe@w6swe.ampr.org
DM42nh	http://www.primenet.com/~nielsen

Date: 8 Sep 99 11:20:36 EDT
From: Roy Lincoln <wa4dou@usa.net>
To: towertalk@contesting.com
Cc: qrp-1@lehigh.edu
Subject: [49680] Grounding for lightning
Message-ID: <19990908152036.18593.qmail@nwcst290.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Hi Gang,

I have a tidbit that i would like to share with the list. I don't think= this is a subject that interests many hams ,based on a recent post that i made= , and the relatively few responses i got.However this ought to rate high with e= very ham who has outdoor antennas, especially tower/antenna combos.

Today my local electric utility came and installed "whole house" surge protection under the service entrance meter. (Luckily i was home taking a= few days off and could visit with them). Their pitch was that i needed to have a ground under 25 ohms in order for it to be relatively effective= =2E They measured my ground resistance with just the 8 ft. rod that grounds t= he service under the meter. Then i connected my ground system in the backyar= d and the resistance was between 2.5 and 3 ohms.

Polyphaser says that in order for a ground system to be effective again= st lightning, the resistance should be between 5 and 10 ohms and "ideally" <= 5.

Some things that have a bearing on this are that tropical storm Dennis du= mped

7 " of rain here over the labor day weekend. The soil is saturated in the= upper crust of the ground, no doubt enhancing the ground. Over much of th=

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system resistance , naturally, will vary along with this moisture. I have=
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it might be a range of 100-200%, thus 2.5-10 ohms perhaps. =

My ground is composed of 650 ft. of #2 solid copper wire, exothermicall=
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welded to 47 ground rods, some going to a depth of 20 ft., 15 ft. and mos=
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going to 8-10 ft.

Reducing the number of rods by a factor of 2 should roughly increase th=
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resistance about double.

Since soil conductivity varies so widely around the country, it is
impossible to say how these results would vary geographically. None the l=
ess,
i thought i would share with you my experience in the sandy, loamy centra=
l
coastal plains of eastern N.Carolina.

73 to all-Roy Lincoln WA4DOU Elm City, N.C.

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Wed, 8 Sep 1999 11:20:17 -0400
From: "Mike Yetzko" <myetzko@insydesw.com>
To: <Karl.Kanalz@optelinc.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [49681] Re: HTX-100 (or is it HTX-10?)
Message-ID: <001e01befa0d\$c65487e0\$9001a8c0@mikey.wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here is the standard company 'blurb' to request for information
on the HTX-10.

The HTX-10 10 -Meter Transceiver is ideal for use in your vehicle. Its 25-watt SSB/FM and 7-watt AM output provides the power you need to communicate, and its tuner covers the entire 10-meter Amateur Radio band (including the 28.3 to 28.5 MHz Novice Band). The transceiver's crystal controlled circuitry provides accurate and stable channel selection, making it ideal for your amateur communications needs. The date this is expected to be available for purchase is early to the end of October, 1999.

Advanced Features:

1. Large illuminated digital display - clearly shows the frequency, functions, and incoming signal strength
2. 1 kHz Frequency Resolution
3. Scan - the transceiver scans its frequency range for transmissions
4. Mic and RF Gain Control - lets you adjust the microphone and receiver gain to match the strength of the received signal.
5. Switchable Noise Blanker - reduces interference from ignition systems, motors and other electrical equipment
6. Squelch Circuit - compensates for signal fading and eliminates signal chopping
7. Automatic Gain Control - maintains a constant volume level, regardless of the signal strength
8. Built-in Automatic Modulation Control - ensures a constant RF modulation level
9. Universal Mounting Bracket - Lets you mount your transceiver securely in your vehicle or on a shelf in your home.

GENERAL SPECIFICATIONS:

1. Frequency Range - 28.000MHz to 29.699
2. Tuning Step - 1 kHz/ 10kHz / 100kHz (selectable)
3. Frequency Generation - Digital PLL Synthesizer

4. Antenna Connector - 50 ohm coaxial connector
5. Microphone - Electret Condenser Type
6. Operating Temperature - -4 to 122 degrees F
-10 to 55 degrees C
7. Power Source - 12 to 16 VDC, negative or positive gnd
8. Speaker - 8 ohm, 2-watt
9. Impedance - 50 ohm
10. Dimensions - 6 1/16 x 2 3/64 x 9 41/4 inches
11. Weight (without batteries) - 2.65 lbs
12. Accessories - microphone, mic holder, mounting hardware,
mounting
bracket, dc power cord spare fuse

RECEIVER SPECIFICATIONS:

1. Sensitivity - .5 microvolts for 10db S/N
2. Audio Output @ 10% THD (external) - 2.5W at 8 ohm
3. Selectivity - 50 db min
4. Intermodulation - 60 db min
5. Distortion - 10% max
6. S/N Ratio - 40 db min
7. IF Rejection - 70 db or better

TRANSMITTER SPECIFICATIONS:

1. Power Output - 7W (AM), 25W (FM/SSB)
2. Distortion - 5%
3. Deviation - +/- 2 kHz
4. S/N Ratio - 40 db
5. Spurious Emission - -65 db or better
6. Battery Drain:
at max power output: AM less than 3.0A
FM less than 5.0A
SSB 5.0A

at no modulation: AM less than 3.0A
FM less than 5.0A
SSB 1.0A

Date: Wed, 8 Sep 1999 08:24:03 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: nielsen@primenet.com
Cc: qrp-l@lehigh.edu (qrp)
Subject: [49682] Re: FCC's ULS system
Message-ID: <199909081524.IAA07342@fraser.sfu.ca>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>
> On Tue, Sep 07, 1999 at 10:47:24PM -0700, John Moriarity wrote:
> > > Go to the main web page, via the internet, at
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> > call.
> > >
> >
> > Also, it only works with Netscape, *NOT* with Microsoft's Internet
> > Explorer. (Maybe that's a way the government gets back at Microsoft??)
>
> True, but it also only works with Windows (not Linux, BSD, Macintosh,
> etc.), so Microsoft wins again.
>
> Bob, W6SWE

Hi Bob,

I may be wrong, but I'm pretty sure that Netscape will work under linux.

cheers, Paul - VE7CQK - email: paule@sfu.ca

Date: Wed, 8 Sep 1999 09:20:14 -0600
From: jaywa5whn@juno.com
To: qrp-l@lehigh.edu
Subject: [49683] DSW-30 & QRP AField & "The Trouble with Tribbles"
Message-ID: <19990908.092015.-391003.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

{DSW-30, with enclosure, purchased @ Ft. Tuthill '99 from NN1G}

@ 13.6 VDC in, I was able to get 2.1 watts out.

@ 12.0 VDC in, the RF output was 1.5 watts measured with a WM-2
{terminated into a 50 ohm load @ 10.116 MHz}

@ 7 VDC input, the output was 190 milliwatts.

My xcvr had worked the first time it was powered up. One minor
calibration adjustment, a little sand paper to fit the board into the
blue box.

The little blue critter {blue case from Doug Hauff} had decided it was
too hot in the Rio Grande Valley. It had disappeared into the nearby
Sandia Mountains, where it had landed on KK6MC's {Dr. Mega Cycle} front
doorstep. The PIC has a mind of it's own. It is attracted to elderly
gentlemen with white beards {KK6MC, N7KT & Santa Claus?} Did anyone else
notice that suddenly the back log of DSW-X0's was cleared when NN1G had
shaved his beard off?

; -)

Don't take your eyes off of your DSW - X0 because it may follow mine to
KK6MC's QTH. I hear Jim sings the "blues" to them. I would bet K7Q0's
DSW-40 will bail out on I-10, near Las Cruces, NM, while enroute to the
harmonic convergence near Sedona, AZ, then sneak up to KK6MC's QTH.

Oh, don't forget to dip & bath your DSW-X0 occasionally, some of them may
have Embedded TiCKs. I may have scared the DSW 30 off when I had tried to
hook it up to my Atomic Keyer.

Don't forget the NE QRP Club's "QRP AFiield" on Sept. 18 & 19;

<http://www.fix.net/~jparker/norcal/qrpafield99/qrpafield99.htm>

<http://www.eichhoff.com/neqrp/frame02.htm>

Contest Manager: dave@smallwonderlabs.com

I will be in the Sierra Nacimiento Mountains.

72...Jay, WA5WHN DM65nu {QRP
lost in AFiield}

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 8 Sep 1999 11:27:26 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <igeq100@iupui.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [49684] Re: Morse Code - Should we have it?
Message-ID: <004a01befa0f\$3a1a2d00\$9001a8c0@mikey.wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Richard,

You have a very valid point. However, in my belief, the CW requirement is on the way out. You can argue the merits of that all day long, and it won't change things.

So the issue now becomes how to protect the CW subband.

When the CW requirement goes, I think it will first go to a single speed for all. When that happens, we need to move to make sure pressure is applied to do the same thing to the CW subbands. If we don't, when the final blow comes, I think the CW protected space will be cut, and cut drastically. If we manage to 'expand' the CW space to a 'one speed fits all' kind of thing, we may be able to protect the entire CW area.

If we, as HAMS, continue this pointless bickering with No-Code vs CW-or-Die-with-Lids conflict, I predict that SHORTLY after each stage of CW regulatory cutback, there will be a corresponding CW bandspace cutback.

So think long and hard about the writing on the wall. Don't confuse what you WANT to be with what probably WILL be. Or you may have consequences that you won't like at all.

Mike Yetsko
N1DVJ

>Hi, All -
> Here's my two cents worth on the morse code issue. I can agree
>with (or see the logic of) most of the arguments on both sides of this
>issue. But here is a more pragmatic view. If CW is removed as a
license
>requirement, it will be very hard to maintain the present CW segments
of
>the amateur bands in the face of pressure from other (phone, SSB)
>interests within ham radio, or from commercial and/or government
pressures
>from outside. CW is the lifeblood of QRP, and if the "protected" CW
>segments are gone, so is our hobby.
> To those who argue that precious frequency spectrum space should
>not be kept as a public "playground" for amateur radio (and especially
CW)
>enthusiasts, I offer the national park system as an example. Here we
have
>set aside, as a country, a valuable resource for the recreational use
of
>our citizens (and plenty of QRPers). This real estate has great
>commercial value, yet we (in our wisdom, I contend) have chosen to keep
it
>off the market and accessible to the public. I view spectrum space as
an
>analogous resource, and if keeping CW as a licensing requirement offers
us
>some degree of protection, I am all for it.
> Some of my thoughts, for what they're worth.
>
>73,
> Richard Meiss, WB9LPU

Date: Wed, 08 Sep 1999 12:00:57 -0400
From: Dave Hinerman <dlh1009@ritvax.isc.rit.edu>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [49685] Tayloe detector?
Message-ID: <000f01befa13\$5e0c2750\$2d0a05cc@eng05981246.rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Folks,

I remember reading about Dan Tayloe's miracle detector circuit here some months ago. Does anybody know what's happening with it now? Is Dan going to patent the thing?

Dave

Dave Hinerman WD8CIV
dlh1009@rit.edu

Date: Wed, 08 Sep 1999 12:04:01 -0400
From: Bill Cotter <bcotter@pop.uky.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [49686] FREE ELECTRICITY FROM POWER GRID
Message-ID: <3.0.5.32.19990908120401.00a7a260@pop.uky.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Roy,

When you attach the modestly grounded power grid (via the downlead from the pole to your house) to your impressive ground system, you will probably be sinking the majority of their neutral/ground current to your ground! Take an amprobe and measure the ground lead and you will likely see many amps flowing. Insert a transformer in the path (step up from #2 primary to 110VAC) and you can run your shack free on all the excess ground current.....

It is April 1st, isn't it?

73 bill N4ALG

At 11:20 AM 9/8/99 EDT, you wrote:

>Hi Gang,
> I have a tidbit that i would like to share with the list. I don't think this
>is a subject that interests many hams ,based on a recent post that i made, and
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> Polyphaser says that in order for a ground system to be effective against lightning, the resistance should be between 5 and 10 ohms and "ideally" <5. Some things that have a bearing on this are that tropical storm Dennis dumped 7 " of rain here over the labor day weekend. The soil is saturated in the upper crust of the ground, no doubt enhancing the ground. Over much of the summer, there was very little moisture in this upper crust. So my ground system resistance , naturally, will vary along with this moisture. I have no idea what range to expect that it could vary over but it seems reasonable that it might be a range of 100-200%, thus 2.5-10 ohms perhaps.

> My ground is composed of 650 ft. of #2 solid copper wire, exothermically welded to 47 ground rods, some going to a depth of 20 ft., 15 ft. and most going to 8-10 ft.

> Reducing the number of rods by a factor of 2 should roughly increase the resistance about double.

> Since soil conductivity varies so widely around the country, it is impossible to say how these results would vary geographically. None the less, i thought i would share with you my experience in the sandy, loamy central coastal plains of eastern N.Carolina.

> 73 to all-Roy Lincoln WA4DOU Elm City, N.C.

>

>

>-----

>Get free email and a permanent address at

<http://www.netaddress.com/?N=1>

>
>

Bill Cotter	Mail: bcotter@pop.uky.edu
Technical Systems Project Manager	ICQ: 13117266
VPIS Special Projects Office	Pager: (606) 259-6082
McVey Hall, Room-100	Phone: (606) 323-6474
University of Kentucky	FAX: (606) 323-1978
Lexington, KY 40506-0045	Home: (606) 887-5563,2402

Date: Wed, 8 Sep 1999 12:52:31 -0400
From: "S. M. Whitehouse" <ke4yh@gte.net>
To: "Low Power" <qrp-1@Lehigh.EDU>
Subject: [49687] Fw: Help for a friend
Message-ID: <007d01befa1a\$8bd2e320\$642c6018@Stew.gte.net>

-----Original Message-----

From: G.Kuhn <gkuhn@global.co.za>
Newsgroups: rec.radio.amateur.boatanchors
Date: Saturday, September 04, 1999 4:39 PM
Subject: Help for a friend

>Hello,
>A fellow ham by name of Louie, ZS1HE, is in hospital, paralyzed from a
brain
>tumour.
>He is trying to communicate by tapping Morse code with his one hand, I need
>to know if there is some program I can use in conjunction with a key that I
>can run on a 486 laptop with a sound card that will allow him to
communicate
>with the staff at the hospital.
>Please mail me direct, gkuhn@global.co.za
>
>Regards,
>G.Kuhn ZS1NZ
>
>
>
>

Date: Wed, 8 Sep 1999 11:48:33 -0500
From: "John Burnley" <burnleyia@home.com>
To: <qrp-l@lehigh.edu>, <IaQRP-L@divis17.ped-gen.uiowa.edu>
Subject: [49688] Group join for the CW Operators Club (Australia)?
Message-ID: <001c01befa19\$fd1830e0\$1b790818@c149522-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don Callow (VK5AIL) gave me some samples of the CW Operators Club newsletter (Lo-Key) for display at Iowa QRP Club functions. After reading the material I want to join! But here is the problem. The membership fee is \$16.00 (Australilian). The money is not the issue, but converting it to something they can use is a bit of a problem. Don told me that the bank takes a very healthy bite out of foreign checks (currency conversions, handling fees, etc.). I can get the equivalent of a money order in Austrailian funds but it costs \$15.00 (US). I could also get Australian currency for a lesser amount but I do not like sending cash in the mail.

Here is my question. Are there any others interested in joining the CW Operators Club out there? If we get 15 people then the 'conversion fee' is only a dollar per person. Currently the exchange rate is about 60 cents (Aus) on the dollar (US). The cost final cost will depend on the exchange rate on the day I place the order. If there is enough interest from the stateside QRP'ers then I'll coordinate the effort. Please email me privately and to keep list traffic down to a minimum.

Thanks in advance.

72, John NU0V

Date: Wed, 08 Sep 1999 09:53:44 -0700
From: "Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@lehigh.edu>

Subject: [49689] Reminder for TOP OF THE WORLD
Message-ID: <199909081653.JAA29575@guppy.pond.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The Top of the World event will take place this coming weekend. We're making a few revisions to the rules to reflect what we've learned about QRP in the land of really short waves.

Here's what we've uncovered:

1. QRP in the VHF and UHF realms is perfect for outdoor types, because it's easy to haul around the gear and antennas. It's an ideal excuse to enjoy the view from bumps, hills, and mountains.
2. It would be impossible for any of the existing QRP organizations to sponsor a free-standing VHF/UHF event, because none of us can generate a critical mass of participation. However, we can "coattail" the VHF/UHF events already sponsored by the ARRL.
3. The ARRL VHF/UHF events are really a whole bunch of microcosmic events taking place simultaneously. In some part of the country, there is a ton of FM activity. In others, it's strictly a CW/SSB thing. In some parts of the country, it's easy to rack up 70 or 80 contacts. In other, 12 is a big deal.
4. Because of #3, it's pretty silly for us to make a "contest" out of a QRP coattail event. On the other hand, it can be a great "happening." Every one of the past Top of the World events has generated wonderful adventures, along with stories and photographs.

THEREFORE, Top of the World is hereby declared to be a happening. Go out and have an satisfying adventure. We will celebrate your accomplishments by publishing your stories and pics in The ARS Sojourner.

Here are the revised rules for Top of the World:

This event is linked to the June and September ARRL VHF QSO Parties. You may operate the entire ARRL event or any part thereof. Operations will comply with the definition of "QRP" in the ARRL rules (CW, SSB or FM, 10 watts output or less). All participants in Top of The World will reach their sites by "human power"--that is, they will walk, bike or boat to their sites. The distance traveled to the site is at the participant's discretion.

Top of the World is not a contest, it is a happening. We will publish the stories and photographs of your adventure in The ARS Sojourner. You may submit them by email, or by ordinary mail (to Russ Carpenter, AA7QU, 47227 Goodpasture Road, Vida, OR 97488). In past years, the material we've

received from participants in Top of the World has been inspiring. We look forward to receiving yours!

Russ Carpenter, AA7QU
Contest Manager
russ@natworld.com

Date: Wed, 8 Sep 1999 09:59:14 -0700
From: Dave Barrett <DBarrett@creo.com>
To: "'ke4yh@gte.net'" <ke4yh@gte.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [49690] RE: Help for a friend
Message-ID: <CE0A40BFE0CDD111A2B800A0C99B83EB01313B8F@msgcreo2.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Check out this site, its got all the SoundBlaster based CW progs you could wish for....

Dave VE7PCC Vancouver BC

Canada (Recumbenteer)
<http://www.muenster.de/~welp/sb.htm>

-----Original Message-----
From: S. M. Whitehouse [mailto:ke4yh@gte.net]
Sent: Wednesday, 08 September, 1999 9:53 AM
To: Low Power Amateur Radio Discussion
Subject: Fw: Help for a friend

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>Regards,
>G.Kuhn ZS1NZ
>
>
>
>

Date: Wed, 8 Sep 1999 10:09:12 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: Paul Erickson <paule@sfu.ca>
Cc: qrp-1@lehigh.edu
Subject: [49691] Re: FCC's ULS system
Message-ID: <19990908100912.A7267@bob.localnet>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Yes it will, and I'm using it. To connect to the FCC site (not registration, but for actually filling out the forms), you don't use the internet, but dial up an 800 number. In Linux, this requires setting up new temporary route and dns information. That should work in getting you dialed into their site and connecting to the web page.

I've heard, but not confirmed, that when you get to the page, it causes netscape to download a dos executable which is run on your computer (Netscape plugin?). If so, it won't work in Linux.

Supposedly next year the FCC will switch from the 800 number to use of the Internet. I expect there will be other changes as well.

I was able to register from Linux, at least.

73, Bob

On Wed, Sep 08, 1999 at 08:24:03AM -0700, Paul Erickson wrote: > >
> > On Tue, Sep 07, 1999 at 10:47:24PM -0700, John Moriarity wrote:
> > > Go to the main web page, via the internet, at
> > > <http://www.fcc.gov/wtb/uls/>
> > > to register (everyone's gotta register eventually), and the from that
> > > home
> > > page, click on the "Connecting to ULS" button on the left, if you're
> > > using
> > > frames. It gives the pertinent data to set up another dial up

> > > connection
> > > > from Win9X to access the system directly. Luckily, it's a toll-free
> > > call.
> > > >
> > >
> > > Also, it only works with Netscape, *NOT* with Microsoft's Internet
> > > Explorer. (Maybe that's a way the government gets back at Microsoft??)
> >
> > True, but it also only works with Windows (not Linux, BSD, Macintosh,
> > etc.), so Microsoft wins again.
> >
> > Bob, W6SWE
>
> Hi Bob,
>
> I may be wrong, but I'm pretty sure that Netscape will work under linux.
>
> cheers, Paul - VE7CQK - email: paule@sfu.ca
>

--

Bob Nielsen Internet: nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
DM42nh http://www.primenet.com/~nielsen

Date: Wed, 8 Sep 1999 13:19:21 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <burnleyia@home.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [49692] Re: Group join for the CW Operators Club (Australia)?
Message-ID: <011201befa1e\$6c719ae0\$9001a8c0@mikey.wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ok, I wanted to post this to the group, since I think this
would apply to a lot of international newsletters and other
club publications.

If you get interest, why not contact the club and get the
newsletter electronically, then handle distribution
at this end, giving them a fee in bulk.

Mike Yetsko
N1DVJ

>Don Callow (VK5AIL) gave me some samples of the
>CW Operators Club newsletter (Lo-Key) for display
>at Iowa QRP Club functions. After
>reading the material I want to join! But here is the
>problem. The membership fee is \$16.00 (Australilian).
>The money is not the issue, but converting it to something
>they can use is a bit of a problem. Don told me that the
>bank takes a very healthy bite out of foreign checks
>(currency conversions, handling fees, etc.). I can get
>the equivalent of a money order in Austrailian funds
>but it costs \$15.00 (US). I could also get Australian
>currency for a lesser amount but I do not like sending
>cash in the mail.
>
>Here is my question. Are there any others interested in
>joining the CW Operators Club out there? If we get 15
>people then the 'conversion fee' is only a dollar per person.
>Currently the exchange rate is about 60 cents (Aus) on the
>dollar (US). The cost final cost will depend on the exchange
>rate on the day I place the order. If there is
>enough interest from the stateside
>QRP'ers then I'll coordinate the effort. Please email me
>privately and to keep list traffic down to a minimum.
>
>72, John NU0V

Date: Wed, 8 Sep 1999 13:25:34 -0400
From: "George Goodroe" <goodroe@worldnet.att.net>
To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [49693] OT: HTX-100 (or is it HTX-10?)
Message-ID: <000301befa1f\$2ea5caa0\$d4dbfea9@ggoodroe>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It is the HTX-10 !

The RS Catalog says nothing about CW...only SSB...AM...and FM with repeater offsets.

Max output 25 Watts.

I hope it's a typo and they just left out CW :-(

73 de KF4CPJ
George Goodroe, QRP-L #1943
St. Petersburg, Florida USA
80 Meter high noise capital of the USA <grin>
<http://home.att.net/~goodroe>
<http://www.qsl.net/kf4cpj>

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
Karl.Kanalz@optelinc.com
Sent: Wednesday, September 08, 1999 9:44 AM
To: Low Power Amateur Radio Discussion
Subject: Re: HTX-100 (or is it HTX-10?)

Wait a "sec", Hal.... you said "it" will be out the beginning of October,
but are you talking about a "new" HTX-100 or a "new" HTX-10? From
previous posts, there seems to be a little confusion about the model
number,
one person saying that the HTX-10 was a "remake" of a CB-to-ham radio
that Radio Shack had in the skunk works.

Yet another post said that the "new" rig didn't do CW, but only AM/SSB/FM.

What's the REAL "skinny" on this alleged "new radio" from Radio Shack?

Karl K - W8TIF
McKinney, Texas

kc0bdw@webtv.net (Hal Schlotfeld) on 09/07/99 11:44:31 PM

Please respond to kc0bdw@webtv.net

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: HTX-100

Actually it will be out the beginning of Oct. in the warehouses so you can order them then. It does CW,SSB,FM at 25W. The ranges are from 28.0 to 29.7Mhz. Also you now can order parts from RadioShack.Com (Tech America) at your local stores. All it is you have to put a 9 in front of the stock number. I know none of the standard disclaimers apply as I am a employee of RS.

72's

Hal

Date: Wed, 8 Sep 1999 13:32:47 -0400
From: "George Goodroe" <goodroe@worldnet.att.net>
To: <gkuhn@global.co.za>
Cc: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [49694] RE: Help for a friend
Message-ID: <000401befa20\$37ec8ee0\$d4dbfea9@ggoodroe>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Go to this web-page and look at the morse mate...no computer necessary...

<http://www.scyden.co.za/qrv/morsemate.htm>

73 de KF4CPJ
George Goodroe, QRP-L #1943
St. Petersburg, Florida USA
80 Meter high noise capital of the USA <grin>
<http://home.att.net/~goodroe>
<http://www.qsl.net/kf4cpj>

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
S. M. Whitehouse
Sent: Wednesday, September 08, 1999 12:53 PM
To: Low Power Amateur Radio Discussion

Subject: Fw: Help for a friend

-----Original Message-----

From: G.Kuhn <gkuhn@global.co.za>
Newsgroups: rec.radio.amateur.boatanchors
Date: Saturday, September 04, 1999 4:39 PM
Subject: Help for a friend

>Hello,
>A fellow ham by name of Louie, ZS1HE, is in hospital, paralyzed from a
brain
>tumour.
>He is trying to communicate by tapping Morse code with his one hand, I need
>to know if there is some program I can use in conjunction with a key that I
>can run on a 486 laptop with a sound card that will allow him to
communicate
>with the staff at the hospital.
>Please mail me direct, gkuhn@global.co.za
>
>Regards,
>G.Kuhn ZS1NZ
>
>
>
>

Date: Wed, 8 Sep 1999 10:36:05 -0700
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: qrp-l@lehigh.edu
Subject: [49695] Re: FCC's ULS system
Message-ID: <19990908103605.E28392@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Wed, Sep 08, 1999 at 08:15:33AM -0700, Bob Nielsen wrote:
> > > frames. It gives the pertinent data to set up another dial up
> > connection
> > > from Win9X to access the system directly. Luckily, it's a toll-free
> > call.

Folks, please also remember that, in the end, you can also download, from

the INTERNET, a copy of form 605, and print it out. Then you can mail it in. Not quite as convenient, true, but then, *ALL* of my interactions with the FCC have been on paper, so that *I* have a paper-trail.

"I'm sorry, sir, but we never received any new forms from you."

"Really? Then who is Mr. XYZ, who signed the return receipt on the date of a/b/c?"

"We'll update your information right away sir."

I can't tell you just how valuable certified, return-receipt mail is.

As a regular practitioner of the Internet (I am senior network operations manager of an ISP, after all), I can tell you right now that the Internet is *NOT* this great panacea that everyone is making it out to be.

For legal documents of any kind, of which licenses fall under, I strongly advise the use of the U.S. Postal service using their return-receipt service. Yes, it costs money. But at least I have the knowledge that I can talk to a human being if something goes wrong.

```
=====
      KC5TJA/6      |                               -| TEAM DOLPHIN |-
      DM13          |                               Samuel A. Falvo II
      QRP-L #1447   |                               http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

```
-----
Date: Wed, 8 Sep 1999 11:38:09 -0600
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [49696] Re: FCC's ULS system
Message-ID: <08e201befa20$fc0c13e0$0200000a@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
      charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
```

> Also, it only works with Netscape, *NOT* with Microsoft's Internet
> Explorer. (Maybe that's a way the government gets back at Microsoft??)

Sorry John, it does work with IE, at least IE5. We just need to remember that the FCC is a VERY busy site and sometimes VERY slow! It took me over an hour to get into their web page - but it does work.

Ron Smith
KD7VD
Boise, ID

Date: Wed, 8 Sep 1999 10:39:04 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: Rich Wilkerson <richqrp@home.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [49697] Re: FCC's ULS system
Message-ID: <19990908103904.B7267@bob.localnet>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

At the current time, your only option is to download the forms and file by mail (I think there is also provision to file through a VEC, such as ARRL, but don't know if that is in place yet). The FCC is considering changing from the 800 number to the Internet, but that probably won't happen until next year.

Bob, W6SWE

On Wed, Sep 08, 1999 at 08:08:34AM -0700, Rich Wilkerson wrote:
> In its setup, it shows how to configure your system to get where you
> need to be, but what if you are on a "LAN" such as me?
>
> --
>
> 72's & 73's
> Rich Wilkerson, Santee, Ca
> WD6FDD

--
Bob Nielsen Internet: nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
DM42nh http://www.primenet.com/~nielsen

Date: Wed, 8 Sep 1999 11:40:53 -0600
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [49698] Re: FCC's ULS system
Message-ID: <08e801befa21\$6857c580\$0200000a@uswest.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> In its setup, it shows how to configure your system to get where you
> need to be, but what if you are on a "LAN" such as me?

Good point Rich. I'm on a DSL connection via uswest.net. What I did was send an e-mail to ulscomm@fcc.gov thanking them for their great instructions for modem connections and asking them for further information for those of us that have a direct connect to the Internet. Don't know if I'll ever see a response, but maybe if all of us direct connect folks sent them a message they would get the hint?

72

Ron Smith
KD7VD
Boise, ID

Date: Wed, 08 Sep 1999 11:43:08 -0600
From: "Conant, Paul" <paul.conant@lmco.com>
To: "'qrp-l@Lehigh.edu'" <qrp-l@Lehigh.edu>
Subject: [49699] www.eHam.net
Message-ID: <C95C7DB8B9A8F01195C40000F81F32FD02E3B4DB@emss02m09.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain
Content-transfer-encoding: 7BIT

Hey guys,

I just got an announcement about this new website on the Alinco list this morning. I am on digest for QRP-L, so excuse me if it has already been posted here, too. From the description I received, this could be a winner.

72,

Paul, WQ5X

Date: Wed, 8 Sep 1999 11:43:51 -0600

From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [49700] Re: FCC's ULS system
Message-ID: <08ee01befa21\$d5082c60\$0200000a@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> True, but it also only works with Windows (not Linux, BSD, Macintosh,
> etc.), so Microsoft wins again.

Not true Bob. Not only was I able to access the site(s) with IE 5.0, I was also able to access the site(s) with Linux-Mandrake and Netscape 4.6. Same problem as my previous post -- the FCC is a very busy site and it took me over an hour to access their web pages. Works fine.

72

Ron Smith
KD7VD
Boise, ID

Date: Wed, 8 Sep 1999 11:45:58 -0600
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [49701] Re: FCC's ULS system
Message-ID: <08f301befa22\$d1d3817c0\$0200000a@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I may be wrong, but I'm pretty sure that Netscape will work under linux.

Nope, not wrong. Netscape is the browser that is normally installed with Linux. It's unfortunate that IE isn't ported to Linux -- MUCH better e-mail filtering than Netscape. :-)

72

Ron Smith
KD7VD
Boise, ID

Date: Wed, 8 Sep 1999 11:01:05 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [49702] Repost "What Kit to Build, Part 1"
Message-ID: <01befa24\$1ec2c480\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is the first of several installments. Several guys have asked me to post this, having heard my talk at Hamcom about kits. There are a lot of newbies on the list, and that is great. Love to get new blood into the group. You are a breath of fresh air and we welcome your contributions. Some of you are interested in building kits and would like some advice on what to build. Ok, here it comes, but do remember that it is my opinion, not law or fact, just one man's opinion.

If you have never built anything before, or it has been a long time, I suggest that you start with the VE3DNL marker generator kit from the Ft. Smith QRP Group. Jay Bromley, W5JAY is the contact person, and you can contact him by email at w5jay@alltel.net or you can order the kit by sending \$12 (\$10 for the kit, \$2 S&H plus a self addressed mailing label) to:

Jay Bromley
9505 Bryn Mawr Cir.
Fort Smith, AR 72903
USA

What does your \$10 kit do? Well we like to call it a poor man's signal generator. It puts a signal out on every 5, 10, 20 and 40 kHz depending on the output that you select. You can use it to peak up receiver's, set band edges, calibrate dials, find out where you are on the band, etc. etc. etc. It is just a neat piece of test gear that you will use over and over again. The best part is that it is simple, and it works. There is nothing more frustrating than building a project and not being able to get it to work, conversely, there is no greater pleasure (well maybe one that I can think of) than building something and having it work. There are only about 8 parts in this kit, and it is a useful tool when you get done.

Why do I like this kit for the first time builder? All the parts are there, you don't have to worry about finding some esoteric part, it is built on a circuit board (supplied), and the instructions are easy to follow (written

by Chuck Adams, K7QO nee K5F0). It is a one evening project and is easy to troubleshoot. The cost is low, and you don't have to hock the house to buy it. All you need for tools are: 25 watt soldering iron, diagonal cutters, electrical solder, and patience.

My advice for project number 1, build the Ft. Smith QRP Club VE3DNL Marker Generator. I just talked to Jay last night, and he is going to continue to supply this kit. The profits generated from it by the way, go towards putting on the Ft. Smith QRP Forum which is held in the Spring. Tomorrow, project #2

72, Doug, KI6DS

Date: Wed, 8 Sep 1999 11:00:59 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [49703] Repost of "What Kit to Build Series"
Message-ID: <01befa24\$1baf6a00\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I have been overwhelmed by the number of requests for missing parts of the "What Kit to Build" series that I recently posted to QRP-L. It seems that some sort of problem with some servers prevented several from getting all of the series. Plus we have had late comers show up every day, or better yet, new comers, and we welcome you to the list. So, in order to save me time, I am going to repost the entire series, article by article at one time. They will be sent in separate messages and all are prefaced with repost, so you can set your filters if you wish. Also, you may hit the delete key at your leisure. I have received many requests to republish this information, on web pages and local club newsletters. George Heron, N2APB, is starting a wonderful new publication called the "QRP Homebrewer" and he has the first rights to publish the series. Please respect that. All other requests should come to me for permission to reprint. And, finally, thanks again to all who have sent messages of support for my doing the series, it was very nice to receive them and I appreciate it very much. 72, Doug, KI6DS

Date: Wed, 8 Sep 1999 11:01:11 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)

To: <qrp-1@lehigh.edu>
Subject: [49704] Repost "What Kit to Build, Part 2"
Message-ID: <01befa24\$229f8980\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is installment #2 of KI6DS's opinion on which kit to build. The objectives here are twofold, one we want to learn as we build, two we want to build useful projects that give us the biggest bang for the buck. Again, this is my opinion, and my opinion only.

My choice is the TiCK-4 Keyer Kit from Embedded Research. Here is their description from their web page:

Summary of TiCK-4 Features

Two 50 character, user programmable message memories
NEW! Non-volatile parameter memory, means no more resetting speed, mode, and other settings after power cycling the TiCK! You can configure the TiCK-4 to you personal settings, and they will remain in effect until YOU change them!
Pin-for-pin compatible with all other TiCKs (TiCK-1 / TiCK-2 / TiCK-2B / TiCK-3)

Maintains the familiar and simple TiCK user interface

Single Pushbutton Interface (SBI) to all functions

Upgrade your TiCK keyer by simply plugging in the TiCK-4... It's that easy!

Complete TiCK-4 Feature List

Two 50 Character user programmable message memories

Non-volatile parameter memory

Speed Adjust (via paddles)

Tune Function

Paddle Select

Sidetone (ON/OFF)

Iambic Modes A & B

Straight Key Mode

Beacon Mode

Low Current Consumption (1 uA in sleep mode)

Requires 3-5V DC

Uses the very latest in RISC-based microcontroller technology

Currently available in 8 pin DIP package and 8 pin SOIC.

We are offering the TiCK-4 as follows:

TiCK-4 Chip + Datasheet, \$15.00, (S/H for CONUS \$2.50, DX \$5.00)

TiCK-4 Basic Kit* - includes TiCK-4 chip, parts, PCB board and manual,
\$25.00 (S/H for CONUS \$2.50, DX \$5.00)

TiCK-4 Deluxe Kit** - includes TiCK-4 chip, parts, deluxe board and manual,
\$35.00 (S/H for US \$2.50, DX \$5.00)

[Click here for the order form](#)

*The Basic DIP parts kit includes: TiCK-4 Keyer chip, TiCK circuit board (1x1.2"), and construction manual. Board mounted parts: 5v regulator, 5 capacitors, 3 resistors, 1 PN2222, 1 8 pin DIP socket. Off-board parts include 1 piezo audio device, 1/8" mono jack, 1/8" stereo jack, & 1 N.O. momentary switch.

**The Deluxe DIP parts kit includes: TiCK-4 Keyer chip, enhanced TiCK circuit board, construction manual, 8 pin socket, 4 resistors, 6 capacitors, 1 diode, 1 piezo audio transducer, 2 board mounted jacks (keyline & paddles), board mounted lithium cell holder, 3v lithium cell (for memory backup), board mounted normally open momentary switch, 9V battery clip, and 5v low dropout/low quiescent current regulator.

There is also an optional case enclosure kit:

The TiCK-EMB Enclosure Kit includes:

High Quality Hammond enclosure (black)

Pre-drilled to accomodate TiCK-EMB circuit board and panel controls

Front Panel Label

Four Rubber feet

Hardware needed for circuit board mounting

Price: \$15 plus shipping

How to order?

TiCK 4 Regular Kit \$25

TiCK 4 Deluxe Kit \$35

TiCK 4 Enclosure Kit \$15

Shipping and handling \$2.50

Note: please allow 5-10 business days, after we have received your order, for your shipment to leave our facilities in Rochester NY.

Payment Information

We do not at this time accept credit cards - send checks and money orders only!

For DX orders, an international money order is best.

All payments must be made in U.S. dollars

Send orders to:

Embedded Research

PO Box 92492

Rochester, NY 14692

The above information is from the Embedded Research Web Site:

<http://www.frontiernet.net/~embres/tick.htm>

Ok, now for my input as to why this kit? The cost is unbelievable. A keyer with two 50 character memories for \$25?? (\$35 for the deluxe kit) What a bargain. And, you will need a keyer to go with the rigs that you are going to be using in your QRP career. This one is fun to build, and it is almost fool proof. We had 29 out of 30 kits that were built at Ft. Tuthill work

the first time (and they were surface mount!!). Both types of kits are available, but I would suggest that beginners stick with the through hole variety. Excellent manual, first class service and parts, and it is fun to build. Again, another one evening project, with very minimal tools needed. Remember that soldering iron, diagonal cutters and solder that you used in the VE3DNL kit, well, you need them again. The nice thing about this kit is that everything is there, and Embedded Research even offers a case option too!! I put my TiCK keyers in Altoids tins until I saw the neat case that Gary and Brad came up with this summer.

When you finish your kit, you have a keyer that you can use with any qrp rig, and believe me, you will want to use a keyer and paddles. The nice thing about the TiCK is that it has memory. If you are operating a contest, simply put the exchange in memory and when it comes time to send it, you use the keyer to send it. Another use is that you can put your name qth, etc. all the stuff that you send in a qso in the other memory, and when you make a contact, you use the keyer to send it while you log. Neat!! Note that there are more parts with this kit, and it will take a little longer to build than the VE3DNL, but you have more when you finish. If you are a beginner and are learning how to use paddles, now you have a way to practice your sending!!

Let's review the skills that you will have used and improved in building the first two kits. You have learned how to identify parts, how to read a schematic, how to follow directions and use a parts placement diagram, how to solder, (and probably how to desolder, grin), and how to put a board into a case. Lots of skills, and it has only cost you \$35 at the minimum, \$60 if you go first class and get all the options.

Next we will look at my recommendation for your first QRP Transceiver kit. Hey we're ready for it, because we have a VE3DNL Marker/Signal Generator and a TiCK keyer, and we want to be able to use them (believe me you will). But more importantly, you have the confidence that you too can build electronic projects. You have done it before!! Part 3 tomorrow. 72, Doug

Date: Wed, 8 Sep 1999 11:01:40 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [49705] Repost "What Kit to Build #6"
Message-ID: <01befa24\$33e0f4e0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This one is a tough one because there are so many good kits out there, in fact all of the kits that I mention in this article are good kits, the bad ones have already gone out of business! I am also sure that you can find a "champion" that will sing the praises of every one of the kits, and I understand because different people like different things. But I am going to recommend what I feel is the best kit to build, both in performance and in bang for the buck.

Kits have changed a lot in the last 5 years, and we are seeing more and more sophisticated kits as we go. Guys are integrating features that weren't even developed 5 years ago. I have received some criticism that I am not comparing apples to apples, so I am going to go through the various rigs and compare them by cost first, but the comparison will be done with all of them having the same equipment. I will give the base price of the kit, and then I am going to add a frequency readout (either audio or visual), precision tuning (10 turn pot or optical encoder) and a keyer option. If the company has these options available, they will be used, if not, I will add a TiCK keyer kit at \$25 + \$2.50 shipping and a Freq-mite Audio Frequency Announcer for \$20 (s&h included) from Small Wonder Labs, as they are the lowest priced kits that add these features that I know of. The precision 10 Turn pot is \$11 from Mouser. Ok, now on to the comparison.

Emtech NW40

Base Price \$130

Keyer \$27.50

Frequency Readout \$20

10 Turn Precision Tuning Pot NA

Total = \$177.50

Kanga US Hands GQ40

Base Price \$185

Keyer \$27.50

Frequency Readout \$20

10 Turn Precision Tuning Pot NA

Total = \$232.50

Morse Express OHR 100A

Base Price \$119.95

Keyer \$17.95

Frequency Readout \$74.95

10 Turn Precision Tuning Pot \$11

Total = \$223.85

Red Hot Radio NC20A

Base Price \$135

Keyer Included

Frequency Readout Included
10 Turn Precision Tuning Pot Included
Total = \$135

S&S Engineering TAC1
Base Price \$199.95
Keyer \$29.95
Frequency Readout Included
10 Turn Precision Tuning Pot NA
Total = \$229.90

S&S Engineering ARK 40
Base Price \$269.95
Keyer \$29.95
Frequency Readout Included
10 Turn Precision Tuning Pot NA
Total = \$299.90

Small Wonder Labs DSW
Base Price \$90 + \$35 for case, connectors and controls
Keyer Included
Frequency Readout Included
10 Turn Precision Tuning Pot NA
Total = \$125*
* Case option included to make it a complete kit to compare with others in survey.

TenTec TT1340
Base Price \$95
Keyer \$27.50
Frequency Readout \$20
10 Turn Precision Tuning Pot \$11
Total = \$153.50

Wilderness Radio NC40A
Base Price \$129
Keyer \$48 (KC-1)
Frequency Readout (KC-1)
10 Turn Precision Tuning Pot \$11
Total = \$188

Now you may ask why do I include the keyer, frequency readout and precision tuning on all kits? Because it is state of the art, we expect kits to have them today. Note, if you are a designer, I would strongly advise you to design in these features to your kit, because it is much cheaper to do so and it is the standard today. If you look at the above kits, you see that the two winners are Small Wonder Labs DSW and the Red Hot Radio NC20 at \$125 and \$135 respectively. The prices go all the way up to \$299.90. Price is

not the only consideration though, so we still have to look at the radios themselves.

My recommendation for the best all around value for a single band cw transceiver is the Red Hot Radio NC20 and the soon, (very soon, like 2 weeks) to be announced Red Hot 40 transceiver. Why do I like this kit? Because it gives the most bang for the buck. Every thing is there, keyer, rit, agc, frequency readout, precision tuning, beautiful anodized case (no painting or finishing this one, guys, it is anodized!!) The receiver is hot! Mds of -137+, and it has an improved agc over the NorCal version. The front end is a Tuf 1 mixer, not an NE602 design. This one hears, has great selectivity, is sensitive, and the opposite sideband rejection is excellent. You can be right next to a strong station and never hear it. The transmitter puts out a full 5 watts, in fact, most people will get 6 or 7 and have to turn it down. But you can set it anywhere from milliwatts to the full 5W QRP limit.

The built in TiCK keyer is a joy to use, and there are NO thumps or whoops with the commercial version NONE. I love the AFA, and I know right where I am on the band down to the nearest kHz.

There is a statement or saying that there is no free lunch, and that is true in this case. This radio is not a beginners kit. There are 12 toroids to wind, over 350 parts in the kit. The manual is excellent, and if you follow the instructions and build it right, you will have a radio that is a dream to operate. Mike Gipe, Gary Surrency, and Jay Bromley all have NC20's that have been built right. They have set it up right, followed instructions, and all of them will tell you that this is a radio!! Jay tells me that he thinks the NC20 is the best single band CW transceiver ever offered. He didn't feel that way when he first built his, but now that he has it adjusted and has it tuned and tweaked, he does. The important thing here guys is that you have to build this one right. It is not hard to do, but you have to follow instructions. If you have built the VE3DNL, the TiCK keyer, the ZM-2 and the SWL+, then there is no doubt in my mind that you too can successfully build the Red Hot Radio.

Now for the exciting news. I talked to Dave Fifield who designed the NC20 and now sells the commercial version through Red Hot Radio. He will finish the board layout this weekend and should have boards for the Red Hot 40 in two weeks!!! The Red Hot 40 is gonna be a fox killer for sure. Full 5 Watts, great receiver, RIT, built in keyer, etc. etc. The price is going to be the same as the Red Hot 20 too!!

The one thing that you do have to realize about the Red Hot Radios is that they were not designed to be low current rigs. They draw about 100 mA on receive, considerably more than a NE602 design that use 14 - 30 mA. That means you need more battery to take it in the field. But a 4 amp gel cell will easily run it a full weekend. It was designed to be a home station, or

car camping rig.

Yesterday I said that I would have a major and minor recommendation. My minor recommendation is the SWL DSW Transceiver from Dave Benson. If you are going to go backpacking, this is the kit to build. It has a DDS VFO, and you are able to have an RIT with unlimited range. The main advantage of the DSW is the stability and range. The DSW covers the whole 40 meter band!! This kit also has the built in keyer and audio frequency counter, but the receiver is a 602 design, and is not as sensitive as the Red Hot. My DSW was tested in the ARRL lab by Mike Tracy and had a Mds of -127 dB. Ed Hare was there also and witnessed it.

The DSW does not put out the full 5 watts, but does do 2-3 watts very easily. It only has about 100 parts, and is much simpler and easier to build than the Red Hot, but when you get done, you don't have the radio that the Red Hot is, but you do have a good radio. The DSW is easier to build and align than the Red Hot, but that is mainly because it has fewer parts. In fact, one way to do it would be to build the DSW first, then the Red Hot, the DSW will give you more experience and confidence to complete the Red Hot Successfully.

Also, all of the manufacturers give excellent service or they wouldn't be in business. But I know for a fact that if you contact Dave Fifield or Dave Benson with problems with their rigs you will get help. Here are the addresses for ordering the Red Hot Radio and the DWS radios.

www.redhotradio.com

www.smallwonderlabs.com

Red Hot Radio
1717 Andover Lane
San Jose, CA 95124-4744

Small Wonder Labs
Dave Benson
80 East Robbins Ave.
Newington, CT 06111

In summary, my choice for the best full featured single band CW transceiver is the Red Hot Radio. Please note that Dave will have the Red Hot 40 out in 2 weeks!! The Red Hot 20 is available now. My choice is based on features, all around performance, and value for dollar spent.

Tomorrow, Part 7 in the 8 part series, The Super Kits, multi band transceiver kits.
72, Doug, KI6DS

Date: Wed, 08 Sep 99 13:59:55 -0400
From: chuck.olson@sbaonline.gov
To: qrp-l@lehigh.edu
Subject: [49706] TAYLOE DETECTOR?
Message-ID: <9909081359.A5407wk@sbaonline.gov>
Content-Type: text

DL>I remember reading about Dan Tayloe's miracle detector circuit here some

Dave -

Don't know about your questions but I did notice that Digi-Key has started selling devices from TI in their last catalog. They do list the 74BCT3253 part that Dan used in his circuit but it's in a mini-skinny surface mount package. Maybe someone can search the DK web site to see if that part is available in DIP?

Best Regards,

Chuck, WB9KZY
Jackson Harbor Press - <http://home.att.net/~jacksonharbor>

Date: Wed, 8 Sep 1999 12:05:36 -0600
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [49707] Re: www.eHam.net
Message-ID: <093f01befa24\$c4f66000\$0200000a@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Paul,

> I just got an announcement about this new website on the Alinco list this
> morning. I am on digest for QRP-L, so excuse me if it has already been
> posted here, too. From the description I received, this could be a winner.

I must be going blind in my old age. I didn't find anything closely related to Alinco on the www.eham.net web page. Did they give you any more

information on how to find it?

72

Ron Smith
KD7VD
Boise, ID

Date: Wed, 8 Sep 1999 11:11:03 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [49708] RE: HTX-100 (or is it HTX-10?)
Message-ID: <NDBBLJFDGLBGFJBOGNELGEBBCCAA.mgipe@reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Let's see: AM/SSB/FM all the way down to 28.000, but no CW; squelch; 1 kHz
tuning steps. Sounds like an ideal freeband rig, but of limited use for ham
operation, especially with 1 kHz tuning steps. We shall see.

Thanks for digging out this information, Mike. It will be interesting to
see how Radio Shack does with it.

Mike K1MG

Date: Wed, 8 Sep 1999 19:29:35 +0100
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: "GQRP-L" <gqrp@onelist.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [49709] Recharging alkalines
Message-ID: <000701befa28\$1d05ae60\$11a732d4@prsat0xl>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I need info on charging eight rechargeable alkaline batteries connected
permanently in series, giving me 12v.

Can anyone suggest a means to do this or a source of a suitable charger. I have a wall charger for individual batteries, but am making up a pack for /P use and wish to charge all 8 cells at one go - if that is possible.

Thanks

Frank G3YCC

QRP web page <http://www.karoo.co.uk/g3ycc/>

Date: Wed, 08 Sep 1999 11:36:20 MST
From: "Chuck Adams, K7QO" <k7qo@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [49710] Battery Float Charger
Message-ID: <19990908183620.93726.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

This a.m. I trucked on down to Harbor Freight Tools here in Dallas/Richardson on Belt Line Rd to pick up a hand truck, a.k.a. two wheel dolly, for moving boxes to the rent truck on Monday. :-) The dolly is on sale for \$19.95 and I figure I need one permanently. ;-) Hey, the rent co. gets \$12 just to let me use it and then give it back to them....

OK, anyway I just have to stroll down each of the isles 'cuz they might have something not in the catalog or on the web.

Sure enough. Model 37137, Chicago Electric Power Tools charger on sale for \$5.99. Down from the normal list price of \$14.99

This puppy does 5 to 125Ahr batteries, gel-cell or otherwise. Floats at 13.5V I'm running a test charge on the 24Ahr Gates cells that I use in the shack. Will let you know if anything unusual happens. No news is good news.

I did not that the charger has an LED to show when it is on, etc. If you connect the charger up to the cell without it being plugged in (wall wart), the LED does light. Guess we can use this to discharge the battery. :-)

Check Harbor Freight Tools near you or on the web for this item.

I just hope I can find them in Phoenix..... :-)

FYI

P.S. Medium size alligator clamps so you can clamp on larger batteries. Will work for the 4-7AHr batteries but may be too large for the smaller batteries. I have the others packed so can't test until late next week.

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 8 Sep 1999 13:44:57 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [49711] Still trying to decide on the best QRP rig
Message-ID: <000501befa2a\$3fa71ec0\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Boy, do the waters get murky! Seems the more I dig for the best of the popular radios (for me), the harder it is to make a hard and fast decision.

Granted, all of the radio kits are quite good in their own merits, and everyone will have his or her favorites. Something is troubling me though. There are consistently two major radios which seem to rate the highest praise; The DSW series, and the NorCal (especially in the Red Hot Radio version). Looks to me like those are outstanding choices. I don't seem to see that sort of across the board praise of the Emtech NW series. Yep, I've gotten individual messages highly favorable, and on-line reviews the same. But, makes me wonder if there is possibly something wrong with the radio that I'm missing.

I created a chart of features (it's rough, just on a notepad) between the several brands and models. In my book, the NW40 looks like my best bet.

The comparison list put out on this reflector seems to say the keyer is a

separate item (\$27 option). I can not find that anywhere on the Emtech Web site. I calculate the total kit price to be about \$157.

My needs/desires are: 1.) Reasonable cost Under \$200 total. 2.) Full, not semi-QSK. Reasonably wide tuning range - the whole CW band. 3.) Variable sidetone and IF bandwidth 4.)RIT 5.) And finally, the usual; good sensitivity, selectivity, size, weight, audio power, etc., etc.

So, somebody set me straight. What am I missing?

Dan WB5TKA

May the Phase be with you,

73 de Dan W. Dooley, WB5TKA
e-mail to: <mailto:dandooley@pipeline.com>

Date: Wed, 08 Sep 1999 13:52:21 -0500
From: burro@panama.gulf.net
To: qrp-1@Lehigh.EDU
Subject: [49712] Funkamateur DL-QRP-PA Amplifier Question
Message-ID: <37D6B065.6A36@panama.gulf.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

To All:

Has any one any experience with this amp? I am wondering what amount of drive is recommended and has any one used one with the WM-20 SSB Small Wonder Labs by Steve Benson.

Thanks for any info...

Date: Wed, 8 Sep 1999 12:59:50 -0600
From: "Carl Zmola" <zmola@campbellsci.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, ptay1@bestweb.net
Subject: [49713] Re: radio shack
Message-ID: <19990908185642529.AAA220@carl-zmola>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

> New radio shack has no cw???

Well, we just need a circuit to take the audio out of a keyer,
set up a delay timer, and feed this in as a mic input for ssb.

Should work tolerably well, and I need it for my 10M handheld :-)

If the new Radio Shack 10M rig performs as well as my 10M
handheld, I wouldn't waste my money on it. I'd be more likely to
by an sgc 2020, k2, scout, ts50, dx77,

A lot more money, but a lot more radio.

On that note. What experiance to people have running mobile rigs.
I'm especially wondering about ruggedness of the k2 or scout for
mounting in my car. I'm a little rough on rigs there.

Carl.

Carl
zmola@campbellsci.com

Date: Wed, 8 Sep 1999 11:57:25 -0700
From: "Kory Hamzeh" <kory@avatar.com>
To: <dandooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [49714] RE: Still trying to decide on the best QRP rig
Message-ID: <006001befa2b\$fd5e3560\$14ce21c7@tomcat.avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dan,

There is absolutely nothing wrong with the NW radios, they are actually
quite good. It seems that people seem to forgot older radios and only
remember how nice the new ones are. The NW are just as good as the
Norcal40A, Norcal20, etc. It depends what features your want, size, power
consumption, etc. The new radios (NC20 & DSW) contain microcontrollers that
have built in keyers and AFA, but it doesn't make the radio any better. I
had a NW20 and a Sierra -- I don't know what possessed me to sell them. I

also have a NC20 and a DSW-40. My favorite radio is still the Sierra.

73,
Kory
AC6RN

>
>
> Boy, do the waters get murky! Seems the more I dig for the best of the
> popular radios (for me), the harder it is to make a hard and fast
> decision.
>
> Granted, all of the radio kits are quite good in their own merits, and
> everyone will have his or her favorites. Something is troubling
> me though.
> There are consistently two major radios which seem to rate the highest
> praise; The DSW series, and the NorCal (especially in the Red Hot Radio
> version). Looks to me like those are outstanding choices. I
> don't seem to
> see that sort of across the board praise of the Emtech NW series.
> Yep, I've
> gotten individual messages highly favorable, and on-line reviews the same.
> But, makes me wonder if there is possibly something wrong with the radio
> that I'm missing.
>
> I created a chart of features (it's rough, just on a notepad) between the
> several brands and models. In my book, the NW40 looks like my best bet.
>
> The comparison list put out on this reflector seems to say the keyer is a
> separate item (\$27 option). I can not find that anywhere on the
> Emtech Web
> site. I calculate the total kit price to be about \$157.
>
> My needs/desires are: 1.) Reasonable cost Under \$200 total. 2.)
> Full, not
> semi-QSK. Reasonably wide tuning range - the whole CW band. 3.) Variable
> sidetone and IF bandwidth 4.)RIT 5.) And finally, the usual; good
> sensitivity, selectivity, size, weight, audio power, etc., etc.
>
> So, somebody set me straight. What am I missing?
>
> Dan WB5TKA
>
> May the Phase be with you,
>
> 73 de Dan W. Dooley, WB5TKA
> e-mail to: <mailto:dandooley@pipeline.com>

>
>
>
>
>

Date: Wed, 08 Sep 1999 14:09:31 -0700
From: "Jerry Bartachek" <jbartac@max.state.ia.us>
To: qrp-1@Lehigh.EDU
Subject: [49715] RE: Morsum Magnificat
Message-ID: <37D6D08B.3723@max.state.ia.us>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I see a thread on the inquiry about the Morsum Magnificat. It is still
a viable entity with a newsletter. Check out this website:

<http://www.morsum.demon.co.uk/>

72,

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 /

Jerry L. Bartachek <><
Washington, IA
IA QRP #10
QRP ARCI #5166

Date: Wed, 8 Sep 1999 12:13:11 -0700 (MST)
From: "Mark E. Monninger" <markem@primenet.com>
To: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [49716] Re: Battery Float Charger
Message-ID: <Pine.BSI.3.96.990908120822.28739A-100000@usr08.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 8 Sep 1999, Chuck Adams, K7Q0 wrote:

> ...
> Check Harbor Freight Tools near you or on the web for this item.
>

> I just hope I can find them in Phoenix..... :-)
>
Chuck...

I don't know for sure about a store in Phoenix but there's one in Mesa,
just a couple miles from my QTH (Mesa is a suburb of Phoenix).

I picked up one of those chargers a few months ago and it seems to do a
good job on my big deep cycle batteries. It gets kinda warm if the battery
is somewhat discharged but I mounted it on a big piece of aluminum sheet
and that seems to do a good job of heat sinking. If they're that cheap I
might have to drop by this weekend and pick up a couple more.

73... Mark AA7TA

Date: Wed, 08 Sep 1999 15:15:56 -0400
From: osier <osier@northnet.org>
To: qrp-l@lehigh.EDU
Subject: [49717] QRP DXCC
Message-ID: <37D6B5EC.EB81E348@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang !!!!!

Im not here to flame or to get everyone upset....I rarely post to the
group but love chasing awards.....To say that the award is just a
piece of paper is a bit harsh....to many op's not having a
"Superstation" we take pride in acheiving any endorsements we
can.....Many hams here in my part of the woods had a hard time
believing Ive confirmed 195 as a Tech-plus !!!!!. I have the cards am
proud of the acheivement....but now im close to 100 QRP and I would love
to have a QRP endorsement....Ive applied to the QRP-ARCI for both
W.A.C.and W.A.S. QRP.....Great group and rightfully so....Im not saying
the ARRL should have the endorsement but just stating to some of us it
would be a nice fixture on the certificate. We all dont play on a equal
playing field..it make sense ...we do what we can but once in a while
like to be recognized for it.....

Thanks es 73s

George Osier , N2JNZ/QRP

Date: Wed, 8 Sep 1999 15:17:51 -0400
From: "S. M. Whitehouse" <ke4yh@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [49718] Re: Help for a friend
Message-ID: <01a001befa2e\$d99f7be0\$642c6018@Stew.gte.net>

Wow, got a flood of suggestions, that I forwarded to ZS1NZ. He should have all the info he needs to help Louie, ZS1HE. This list is TOPS, thanks!

72

Stew KE4YH QRP-L #590
Dunedin, Florida

Date: Wed, 08 Sep 1999 15:18:55 -0400
From: Dave Hinerman <dlh1009@ritvax.isc.rit.edu>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [49719] Re: Still trying to decide on the best QRP rig
Message-ID: <001401befa2f\$0a249890\$2d0a05cc@eng05981246.rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

>Boy, do the waters get murky! Seems the more I dig for the best of the
>popular radios (for me), the harder it is to make a hard and fast decision.

<snip>

>I created a chart of features (it's rough, just on a notepad) between the
>several brands and models. In my book, the NW40 looks like my best bet.

<snip>

>My needs/desires are: 1.) Reasonable cost Under \$200 total. 2.) Full, not
>semi-QSK. Reasonably wide tuning range - the whole CW band. 3.) Variable
>sidetone and IF bandwidth 4.) RIT 5.) And finally, the usual; good
>sensitivity, selectivity, size, weight, audio power, etc., etc.
>
>So, somebody set me straight. What am I missing?

Dan,

What you're experiencing is the effects of over-analysis - the tendency for engineers (as in my case) to keep searching for the best, Best, BEST solution.

You have a very clear set of requirements. That's good - knowing what you really want is half the battle. (It's the WHOLE battle when you're dealing with a Marketing department.) Given that list, you need to find all the models available that fit your criteria, and assign scores for each based on how well each one meets the requirements. For example, a \$50 unit without RIT gets a REALLY good score on price but a poor score on RIT. Yet that score may still outweigh the \$190 unit with RIT, causing you to decide you can do without it. (This is where your subjective judgement comes into play.)

The fact that you find more positive press about some units, and very little negative press about any, usually means that in basic functionality all units are approximately equal. That being the case, the "best" choice is the one that best fits YOUR requirements, as discussed above.

FWIW, it's this sort of thing that separates managers from engineers. Managers are frequently content to find a "good enough" solution, while an engineer will look for the "best" solution. The manager can make a decision more quickly than an engineer. It's true that a manager may make a poor decision, but usually even a poor decision is better than no decision. And there are very, very few decisions in ham radio that can't be corrected at a hamfest. (Grin)

So narrow the field down to three or four candidates, then go with your gut feel.

Dave, WD8CIV

Date: Wed, 8 Sep 1999 15:42:08 EDT
From: Drbob92031@aol.com
To: Karl.Kanalz@optelinc.com, qrp-1@lehigh.edu
Subject: [49720] Re: Question re Crystal Grinding
Message-ID: <394cdb3e.25081610@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Karl;
You forgot to tell him about Automobile Compound.
Bob..wa2eaw

Date: Wed, 8 Sep 1999 15:50:48 EDT
From: DOCROCK1T@aol.com
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [49721] Verboten subject???
Message-ID: <265036bc.25081818@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hello all...

I have only been on the list for a couple of weeks and have seen discussion on most of the popular QRP gear in use. However, I am curious why the TenTec line of QRP transceivers is rarely, if ever, mentioned? I think I remember seeing a TenTec thread somewhere, but it dealt with the QRO gear for the most part.

I recently completed one of their newest additions to the QRP offerings...the T-Kit 1380 model for 80 meters. IMHO, the purchase presents a lot of radio for the money. The component list was complete, the board was a work of art, the manual was well done, and...the unit receives very well and transmits cleanly at its advertised power output.

After I had purchased the kit, I began to have doubts if I had made the right choice with the 80 meter model for use here in Montana. But, when I got the little rig up and running, I had no problems making plenty of contacts outside the region with a dipole.

TenTec has a fairly complete line of equipment to provide QRPers. If the gear I purchased is any indication, I believe they have a good product line. Possibly, someone could let me know why there is no TenTec discussion.

Thanks...73/2

Rick...KB7MPG
Livingston, Montana
(I am not affiliated with TenTec and my comments are solely those of a satisfied customer)

Date: Wed, 08 Sep 1999 15:54:53 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Cc: cw@qth.net
Subject: [49722] need to post to a server quick!
Message-ID: <3.0.5.32.19990908155453.007f6da0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

ok guys/gals, here we go. Yes finally the cw handkey project is really running along. I got from the vendor a jpeg file of the proposed pin. SO, now please someone quickly and without collecting any wooden nicles and before I wake up and discover this was a dream; please post this to an easily accessed web site for any and all to look over.

I got a pile of E-mail that I'm gonna try to sort through. I can mail the pic direct to any and all who want it, but figure the web would be faster.

please anyone someone?

tnx es 73 de Scott/n3byyy

yes I am very happy about this. I couldn't believe the turn-around on this.

Date: Wed, 08 Sep 1999 14:01:06 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: qrp-l@Lehigh.EDU
Subject: [49723] ElmeRadio Pixie
Message-ID: <37D6C082.DE1F5C31@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey Everybody,

The next ElmeRadio project is progressing nicely. I could use some information to speed things along. Could anyone give me a list of the issues of QRPP that have articles on the Pixie and its various modifications. I would appreciate this very much.

The design of the ElmerPixie is a small (ElmeRadio size) Pixie type transceiver with the following "modifications".

1. Replacement of the LM386 with the TL431. This will yield a 6-10dB improvement in audio gain.

2. A simple one transistor circuit that is a bandpass filter with about 20dB gain in receive mode and a sidetone oscillator when the transmitter is keyed. This is a very problematic design and may be scrapped. If it is, the pixie will still have a nice clean sine wave sidetone oscillator.

3. RIT

4. A built in key. Yes, a nifty little key made from a strip of PC board, a poker chip, some nuts and screws, and a plastic dresser drawer knob. Works pretty well for a junk box style key.

The color scheme is eye catching to say the least. It will be built in two steps. First as a code practice oscillator. Then, when the aspiring ham passes his Tech+, the RF section can be built and put on the air.

Unlike the ElmeRadio AM regen, this project is specifically for anyone who wishes to get his amateur radio license, old timers who want something cute to play with, and everyone in between (that would be me!). It will be completely self contained. Great for hiking, or throw it in your lunch box and do a little noontime communicating.

As with all present and future ElmeRadio projects, the ElmerPixie info will be freely distributed. Everyone is encouraged to copy and distribute kits (no price gouging allowed).

Until then, 73

Bruce kk7zz

Date: Wed, 8 Sep 1999 13:06:42 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: Ron Smith <resmith666@uswest.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [49724] Re: FCC's ULS system
Message-ID: <19990908130642.D7703@bob.localnet>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Were you able to actually access the form 605 and make changes? I was

able to register, but I understand that when you access to site to make license applications/changes, it downloads a DOS executable plugin which is needed. I sent a message to the support email address and they said, in effect, "maybe later".

Bob

On Wed, Sep 08, 1999 at 11:43:51AM -0600, Ron Smith wrote:

> > True, but it also only works with Windows (not Linux, BSD, Macintosh,
> > etc.), so Microsoft wins again.
>
> Not true Bob. Not only was I able to access the site(s) with IE 5.0, I was
> also able to access the site(s) with Linux-Mandrake and Netscape 4.6. Same
> problem as my previous post -- the FCC is a very busy site and it took me over
> an hour to access their web pages. Works fine.
>
> 72
>
> Ron Smith
> KD7VD
> Boise, ID
>
>

--

Bob Nielsen	Internet: nielsen@primenet.com
Tucson, AZ	AMPRnet: w6swe@w6swe.ampr.org
DM42nh	http://www.primenet.com/~nielsen

Date: Wed, 08 Sep 1999 16:29:47 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [49725] Re: Input about DXCC
Message-ID: <37D6C73B.30C5@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Hare, W1RFI wrote:

> I will answer <the question about how to communicate with ARRL about
> QRP and DXCC> as an avid QRPer and as an ARRL staffer,
> without trying to influence opinion in either direction.

I forgot to add that, if you wish, you can send me and Ron Stark a copy of what you offer to your ARRL Directors. I think Ron and I are both

personally curious about how much interest there is amongst QRPers in this topic.

73,
Ed Hare, W1RFI

Date: Wed, 08 Sep 1999 13:37:19 -0700
From: Jim <w7ls@blarg.net>
To: qrp-l@lehigh.edu
Subject: [49726] New commercial QRP field radio (Mountaineer)
Message-ID: <37D6C8FF.4F5F49F9@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, gang.

There will be a formal announcement of a new radio in 2 weeks, but here is a sneak peak:

- It's small, about the size of a handitalkie.
- Batteries ride inside.
- CW-only transmit (what, there are other modes??).
- Receives sideband or CW.
- It's weather-tight (works in rain, mud, snow).
- Extremely tough enclosure (you can stand on it).
- Available for 80 or 40 meters.
- Full band coverage.
- DDS frequency control.
- LCD readout.
- Built-in key and speaker.
- Antenna terminals right on rig (no coax connectors).
- Antenna and carrying case included as a complete system.
- The Mountaineer comes fully built and tested. Not available as a kit.

This is a backpacker's radio. It is the culmination of 4 years of research into the ideal radio system (not just a radio) for backpack or emergency use. Every possible feature has been thrown out, if it does not add to the mission of:

- Must operate in ANY environment,
- Must survive rough handling,
- Must be light weight,
- Must achieve communications in a 100 mile area
(NVIS on 80) with no skip holes,

Must be a complete system, including antenna and carrying case,
Must be repairable in field with pocket tools (likeliest types of problems),
Setup and take-down time must be under 5 minutes,
And must be easy to operate (instructions are on the back of radio).

The Mountaineer will be appealing to backpackers, emergency communications groups, and people needing to be in the outback areas for extended times. It will not be as appealing to contestors, although the 40 meter version will work nicely for occasional field contests and general use.

Availability: November 15, 1999 Price: TBA, but in the range of a HW-9

The Mountaineer will have a web page in 2 weeks that will have pictures, info, specs, links, and an e-mail link for questions. It will be announced here first, when it is ready for viewing.

Until then, 73 de Jim, W7LS

Date: Wed, 08 Sep 1999 16:40:16 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Cc: cw@qth.net
Subject: [49727] server found, tn timer
Message-ID: <3.0.5.32.19990908164016.00804100@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

ok folks, two offers got the jpeg posting job.
I'll let you know where etc. once there on line.

btw, tn timer to any and all who will and have sent offers of posting.

You guys and gals are great!

73 de Scott/n3byy

Date: Wed, 08 Sep 1999 16:43:43 -0400
From: Bob Edwards <w4ed@gis.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Cc: k7qo@hotmail.com

Subject: [49728] Re: Battery Float Charger
Message-ID: <37D6CA7F.1E828F27@gis.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Chuck Adams, K7Q0" wrote:

> Sure enough. Model 37137, Chicago Electric Power Tools
> charger on sale for \$5.99. Down from the normal list price
> of \$14.99

Mine has been going strong for close to a year now. It's
always on one of my five QRP supply batteries. They get
rotated continuously, each one on the charger for a few days.

--

Bob 72/73	/
email, w4ed@amsat.org	/
http://www.qsl.net/w4ed	/K2 \
nr Atlanta, GA EM73wt	/ / 21 \
~~~~~	/_ /_ __ __\ _
	[\-----/

-----  
Date: Wed, 08 Sep 1999 16:49:01 -0400  
From: Dave Hinerman <dlh1009@ritvax.isc.rit.edu>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [49729] Re: Still trying to decide on the best QRP rig  
Message-ID: <002001befa3b\$a8b5e520\$2d0a05cc@eng05981246.rochester.com>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

>Dave, Ouch!

Dan,

Sorry - I didn't mean to sting. I just deal with that issue constantly. I'm  
a software engineer by title, but I fiddle with electronics hardware a good  
bit in the process. I write embedded software for power measurement  
instruments, mostly.

>Good points. I appreciate them. Makes me sound like an engineer, doesn't  
>it? Actually for most of my working career, I've been a manager (field  
>service manager in the medical electronics field), and have no engineering  
>training or experience at all, (Okay, I have coded applications) but just

>goes to show we can have many facets to our personalities.

Don't sell yourself short - you probably have a clearer idea of "real-world" requirements on products (especially regarding usability and repairability) than most "edjicated" engineers. (Many's the day when I worked in a TV repair shop that I wished I could get my fingers around the throat of the genius that designed the General Electric C-chassis televisions. GRRR!) The fact that you're written some application code tells me you have a clue about development.

>I think my problem has been, just getting good comparable info to compare >apples to apples. The Web sites are often weak in good complete specs.

And will continue to be so. It's not always in the best interest for a vendor to allow a "fair" comparison. Engineers (whose failings we discussed already, and which I share) believe that a technically superior product will always win in a free market. That's the reason for the over-analysis. In that case, the device will stand up in an apples-to-apples comparison.

HOWEVER - few commercial vendors have the luxury of unlimited money and time to create the best (and probably expensive) product - they must get SOMETHING on the market, or else nobody gets paid. In that case, compromises must be made, and a head-to-head comparison of other products in the class will reveal them. The fact that all the other products have made (probably different) compromises just means that people who may like product A will not like product B, and vice versa. Compromises that affect non-technical issues like price, marketability, time to market, and any of a hundred other factors that can kill even a superior product.

>If money were a little less of a concern, I'd probably opt for the Sierra.  
>Capable of adding more bands later is appealing. I'm not ruling out that  
or  
>any other radio yet. My leaning has been towards the Emtech for some time  
>now. Just wondering why it has not gotten the hype that some of the others  
>have been getting. I'm getting enough good feedback to keep me leaning  
>towards it.

I don't know the rigs or manufacturers well enough to comment. I -do- know one thing, however: I think the fact that many of the current crop (or at least their near predecessors) were developed by hobbyists who didn't have to ship junk in order to eat - they could take the time to do a good job. Sure, they made compromises, but they were compromises that other hobbyists would appreciate - commonly available parts, ease of construction, adequate to excellent performance in areas where it really counts. A certain amount of performance is assumed - if any of the rigs on your list had a

sensitivity of, say, 10 millivolts, it wouldn't be on your list. Even if it did have DSP filtering. The rigs that were publicized, reproduced, kitted as part of a club project, and found to be acceptable survived to the point that a few brave souls (you know who you are) were willing to stake their careers on them.

As for your personal choice, I'd say go for it. Don't let lack of publicity worry you - if it really was a turkey, I'd think somebody would have said something by now. "No news is good news," as they say. Especially for a rig that has been around for a little while.

Dave, WD8CIV

-----  
Date: Wed, 8 Sep 1999 15:49:08 -0500  
From: "Jay Bromley" <w5jay@alltel.net>  
To: <dandooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [49730] Re: Still trying to decide on the best QRP rig  
Message-ID: <002d01befa3b\$994c9520\$489b66a6@w5jay>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Will you be using it in a Field Day enviroment??  
73 de w5jay..

So, somebody set me straight. What am I missing?

Dan WB5TKA

May the Phase be with you,

73 de Dan W. Dooley, WB5TKA  
e-mail to: <mailto:dandooley@pipeline.com>

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Date: Wed, 8 Sep 1999 17:00:51 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: QRP List <qrp-l@lehigh.edu>  
Subject: [49731] Who needed an ISO9660 QRP-L CD???  
Message-ID: <Pine.OSF.3.95.990908165824.1826B-100000@saturn3.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

One of you guys mailed their UDF format QRP-L CD back to me and I've managed to misplace the information needed to send you a ISO format replacement.

Please email back with the details and I appologize for the goof and bandwidth.

73! =paul= W8KC  
Collector of Ten*Tecs and other fine plastics  
<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Wed, 8 Sep 1999 16:58:10 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [49732] Re: Battery Float Charger  
Message-ID: <006101befa3c\$e22e00c0\$9001a8c0@mikey.wn.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hmm, I wonder. I was considering one of those 'off season' chargers for motorcycles. They run about \$22, and come with a harness you permanantly install on the bike. Then over the winter you just 'plug in' for a few days. I was thinking of getting one for my Gold Wing. I also have a crate of gel cells that by now are shot.

So I've made arangements to pick up another crate of them (5 to a crate) to have for backup. (These are pretty substantial cells. About the size of a motorcycle battery, and I did use one to jump start my wifes Honda one spring when it wouldn't start.)

But now....

Mike  
N1DVJ

```
>"Chuck Adams, K7Q0" wrote:
>
>> Sure enough. Model 37137, Chicago Electric Power Tools
>> charger on sale for $5.99. Down from the normal list price
>> of $14.99
>
>Mine has been going strong for close to a year now. It's
>always on one of my five QRP supply batteries. They get
>rotated continuously, each one on the charger for a few days.
>--
>          Bob    72/73                / |
```

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Date: Wed, 8 Sep 1999 14:25:07 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-l@lehigh.edu>  
Cc: <w1rfi@arrl.org>  
Subject: [49733] DXCC QRP Endorsement, my view, KI6DS  
Message-ID: <01befa40\$9fee5440\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Ed and the group. Here is my two cents worth. I have discussed the fact that there is no QRP DXCC Award from the ARRL and this was the answer that I got from my Director, Bill Kennerman (Sp?) and Dave Sumner. There was no way to verify the power. I find this a poor argument, because there is no way to verify the power on any award that the ARRL gives. Why do they have QRP categories in their contests? Why do they give plaques in Sweepstakes for QRP stations? If they are so worried about cheating, why aren't they consistent?

How many guys have had their DXCC taken away for using excessive power? Does anyone know? I have never heard of it happening, but it may have. Yet, that is the reasoning that they give for not doing a QRP DXCC.

Now, what are the positive reasons for doing it.

1. It creates an award that satisfies the needs of a portion of the ARRL

membership. I would say that there several thousand QRPers who belong to the ARRL. Ed did a survey and found that 80% of QRP-L belonged, so that is at least 2400.

2. The cost would be self supporting. We are not asking for a free ride here. No ARRL award should cost the general membership, they should be self supporting.

3. Think of all of the guys who are sitting at the top of DXCC. They could start all over again, and get on the air, QRP, to work those countries again. It would be a new challenge, and it would be fun!!

4. It would give the ARRL consistency in their program.

Some have suggested that NorCal or ARCI or another QRP organization sponsor QRP DXCC. Why should we have to do the ARRL's work for them. QRPers belong and pay dues just like the QRO guys. We should have the same opportunity for awards as the big guys. The only reason that the ARRL has ever given me is that they can't verify the power. I think that is not a valid argument, as I pointed out before, they can't and don't verify the power on the other end.

Others say that cheating will happen. You don't think cheating is going on now? When you cheat, you cheat yourself. The award means something only if you do it the right way. It has been my experience that QRPers are among the most honest operators around, and I think that they would be very honorable if given the chance to earn a DXCC QRP award.

Another argument is that if they do a QRP DXCC, then they have to do a ATV DXCC, etc. etc. My answer. Why not? DXCC means to me that you have worked 100 countries. If you do it ATV, then you should be able to get an award for it. If you do it QRO you can. Why does the ARRL discriminate??

Ed also told me that one thing that we can do is attend the ARRL meetings at ARRL Division conventions. When they have an ARRL forum, stand up and ask the Director or Vice Director the following: Mr. Director, you are up for re-election this year. I would like to know your position on a QRP DXCC award from the ARRL. It is currently not available. Do you support one or not? I would like a yes or no answer.

Ed says that this is the type of thing that gets the director's attention. I think he knows his subject pretty well, and though Ed and I have had many discussions about the ARRL and we are often 180 degrees apart in our views, I respect his knowledge and opinion very highly. He is usually very well informed.

72, Doug, KI6DS

-----  
Date: Wed, 8 Sep 1999 15:20:08 -0600  
From: "Roy" <ab7ce@email.msn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [49734] Best rigs  
Message-ID: <000b01befa40\$04adc2e0\$1bc7fad0@pavilion>

In my opinion a great, easy to build rig is being overlooked in all this talk which rig to build first, which is best, etc. The SST from Wilderness Radio. I put it together in one afternoon. Hooked it up and the first QSO was with Perth, Austrailia. Worked a few other stateside staions, and the sixth QSO was France, and he was also QRP! With the KC1 installed, it has deluxe memory keyer, does not need a backup battery, push a button and get frequency readout in morse. No thumps , output note is great, and you don't need a deep cycle battery to run it. Whole thing fits in the palm of your hand. All this was over a year ago during the solar minumun, when twenty was hardly open. About 135 bucks shipped. EXCELLENT support and service. I easily moved one to 15mtrs and its also a pocketfull of fun. Comes with nice custom case. Roy AB7CE

-----  
Date: Wed, 08 Sep 1999 16:32:37 -0500  
From: Dave Sjolin <sjolin@swbell.net>  
To: dandoooley@pipeline.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [49735] Re: Still trying to decide on the best QRP rig  
Message-ID: <37D6D5F5.7A69D91B@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Dan W. Dooley wrote:

>  
> Boy, do the waters get murky! Seems the more I dig for the best of the  
> popular radios (for me), the harder it is to make a hard and fast decision.

Pick a kit and build it. If it turns out not to be what you want, post a for sale message here on the reflector and it will be gone within a half hour and you can start over.

> I don't seem to  
> see that sort of across the board praise of the Emtech NW series.



There is a bias for what is new. Im sure the Emtech NW is a good radio that will give you plenty of good service.

> The comparison list put out on this reflector seems to say the keyer is a  
> separate item (\$27 option). I can not find that anywhere on the Emtech Web  
> site. I calculate the total kit price to be about \$157.

Doug never said you would be able to get everything you wanted at one manufacturer. For those mfrs who dont offer a keyer, you buy from another mfr. I think he was suggesting that you use the keyer built as the #2 kit in the series.

Draw lots if you have to, but place that order, build that kit and get it on the air.

73 de Dave, N0IT

-----  
Date: Wed, 8 Sep 1999 17:39:50 EDT  
From: N10DL@aol.com  
To: qrp-1@lehigh.edu  
Subject: [49736] RE: New Commercial QRP field radio  
Message-ID: <334ad3b5.250831a6@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Sounds like something I have been looking for for all my outdoor activities. Are there any in the field now that can be seen or tested? Using a SST now and really do not like taking it on backing trips for fear of getting it soaked, as everything always does.  
Looking forward to it.

Aron  
N10DL/qrp  
Bedford, NH

-----  
Date: Wed, 8 Sep 1999 14:51:41 -0700 (PDT)  
From: Tom Popovic <ki3r@yahoo.com>  
To: k3chp@erols.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [49737] Re: Question re Crystal Grinding  
Message-ID: <19990908215141.13173.rocketmail@web222.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

--- Joseph Mikuckis <k3chp@erols.com> wrote:  
> What compound or material should I use for crystal  
> grinding? Thank you.  
>  
> Joe, K3CHP  
> k3chp@erols.com  
>  
>  
Toothpaste, preferably floridated to prevent "cavitation"      God Bless  
Tom Popovic   KI3R

===

The common good was the claim and justification of every  
tyranny ever established over men. Every major horror of  
history was committed in the name of altruistic motive...  
Actors change, but the course of the tragedy remains the  
same.      Ayn Rand 1943

-----  
Do You Yahoo!?  
Bid and sell for free at <http://auctions.yahoo.com>

-----  
Date: Wed, 08 Sep 1999 15:00:16 -0700  
From: Rich Wilkerson <richqrp@home.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [49738] Re: FCC's ULS system  
Message-ID: <37D6DC70.2FA40151@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Now as i get it, all I have to do is download the FCC "Form 606" (Tin  
REgistration) and send this off the FCC. Is this right????

--

72's & 73's  
Rich Wilkerson, Santee, Ca  
WD6FDD

-----  
Date: Wed, 8 Sep 1999 18:07:33 EDT  
From: HWRM1SS@aol.com  
To: njqrp@njqrp.org, qrp-1@lehigh.edu

Subject: [49739] Re: FCC's ULS system  
Message-ID: <ee20eabc.25083825@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hey Gang,

This whole ULS system sucks bilge water. I downloaded form 606 from the FCC website and it is actually a 610 !!! Who do they think they are fooling ??? I mailed it in with my address change. You can do this until February of 2000. The end.

Howard K3HW

-----  
Date: Wed, 08 Sep 1999 15:12:16 -0700  
From: Bob Hightower <ki7mn@extremezone.com>  
To: sjolin@swbell.net  
Cc: qrp-1@lehigh.edu  
Subject: [49740] Re: Still trying to decide on the best QRP rig  
Message-ID: <199909082204.PAA19147@enterprise.extremezone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 04:32 PM 9/8/99 -0500, Dave Sjolin wrote:

>  
> Pick a kit and build it. If it turns out not to be what you want, post a  
> for sale message here on the reflector and it will be gone within a half  
> hour and you can start over.  
>  
> Doug never said you would be able to get everything you wanted at one  
> manufacturer. For those mfrs who dont offer a keyer, you buy from  
> another mfr. I think he was suggesting that you use the keyer built as  
> the #2 kit in the series.  
>  
> Draw lots if you have to, but place that order, build that kit and get  
> it on the air.

Hear, hear! This thread could take on a life of it's own, and go on forever. If there were one rig that did all we want a rig to do, we'd only need one rig, not the half-dozen or more that most of us own (except for Chuck, who's slimming down). I think I've build most of the kits that have come out recently, and haven't found one that I didn't like. Haven't kept them all,

either.

Doug's notes are a good place to start to decide what you want/need in a rig, and should be treated as just that.

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

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Date: Thu, 09 Sep 1999 08:31:35 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [49741] help for cb'er in texas  
Message-ID: <37D6E3C7.CEE5803F@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,

We have a possible CB convert living in Houston Texas on a Street called Bissonett in the 77081 area code.

Any local who may be able to help contact me direct.

73's

Ian Purdie  
VK2TIP "I'll give you the TIP mate"  
Budgewoi N.S.W. Australia  
Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)  
QRP-L member #1978.  
URL - <http://www.integritynet.com.au/~purdic/>  
URL - <http://www.qsl.net/vk2tip/>  
"Three out of five Web experts agree that frames are the work of the devil and represent all that is evil about the Web. The remaining two experts are agnostic and think that frames are just a stupid idea" -

-----  
Date: 8 Sep 1999 17:31:45 -0500

From: "rohre" <rohre@arlut.utexas.edu>  
To: qrp-l@lehigh.edu  
Subject: [49742] X beam: see cebik.com  
Message-ID: <n1275310552.21634@msmailgw1.arlut.utexas.edu>

>From quite a bit of antenna reading I have done for several years, I am under the impression the Moxon Rectangle should be a better performer for multibanding than the X beam. See L. B. Cebik's new web adr. for his papers on antennas, or his writings in "Communications Quarterly" about the Moxon Rectangle. I looked into both, but think I will build the Moxon Rectangle for a small multi band beam.

The one user comment posted to the list seems to affirm the interaction problems of the X version antenna on multi band use.

72,  
Stuart K5KVH

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Date: 8 Sep 1999 17:34:30 -0500  
From: "rohre" <rohre@arlut.utexas.edu>  
To: qrp-l@lehigh.edu  
Subject: [49743] SWR power meter kit: Ten Tec\$49  
Message-ID: <n1275310372.31711@msmailgw1.arlut.utexas.edu>

Mike was correct, I reviewed and discussed the 2Watt mod of the Ten Tec 200 watt/20 watt dual pickups, (HF and VHF) watt meter in the QRP-ARCI Quarterly for Oct. 1996. See QRP-ARCI for back issues of the Quarterly. The essential details were also in a posting to QRP-L that is in the archives, or I can fwd that email to anyone interested.

72, Stuart K5KVH

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Date: Wed, 08 Sep 1999 18:41:29 -0400  
From: Fred Lesnick <flesnick@tbaytel.net>  
To: 50 mhz <50mhz@6mt.com>, "cw@qth.net" <cw@qth.net>, "qrp-canada@lists.gpfn.sk.ca" <qrp-canada@lists.gpfn.sk.ca>, qrp-l <qrp-l@Lehigh.EDU>  
Subject: [49744] Not QRP,Nor CW ,but need help....  
Message-ID: <37D6E618.33244665@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang:  
I am in need of a schematic for a rotor control box,Model is a CDE Ham

II/CD44...

I needed to replace a few diodes in it, but the trouble is, one of the resistors got so hot, that I can't make out the value... If someone could help me, I would appreciate it.....

Sorry for taking up the bandwidth..

Fred VE3FAL

Thunder Bay, Ontario

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Date: 8 Sep 1999 17:43:42 -0500

From: "rohre" <rohre@arlut.utexas.edu>

To: qrp-l@lehigh.edu

Subject: [49745] NVIS MARS antenna

Message-ID: <n1275309832.64819@msmailgw1.arlut.utexas.edu>

For the benefit of the folks seeking to build one, at low cost, you might go to Home Depot, for their \$13, 500 foot spool of no. 14 housewire, in your choice of plastic insulation color.

However, remember NVIS stands for Near Vertical Incidence Skywave, ie the signals from them are supposed to go STRAIGHT UP, ie no skip, NO DX.

Now the reason the MARS nets like them, is that gives you a fine signal strength within your state, or such a narrow distance, which is the operations region of regional MARS nets.

However, some commercial NVIS antennas made for government use on FEMA circuits, etc. have resistors across the feed point to help the SWR seem 2:1 over a wide frequency range, for radios that have automatic link establishment, and seek out differing frequencies to use depending on propagation between points. Keeps the automatic retuning circuit from having to work overtime.

You might want to take an ohmmeter to the matching network at the center of the antennas, and make sure it is not more than a balun. (!) Maybe it is a splitter for feeding the crossed loops.

Not exactly what you would want with QRP, is an extra resistor across your antenna of like value to your impedance.

Caution in all antennas that sound too good to be true!

Stuart K5KVH  
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Date: Wed, 8 Sep 1999 18:41:51 -0700  
From: "Mark Paley" <mpaley@wcnet.org>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [49746] the further adventures of "which kit to buy"....  
Message-ID: <012801befa65\$09a064e0\$83ab85cd@mpaley>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Like most things finding the "right" kit is really a matter of personal taste, i.e. which features are "must have", which ones are "maybe--depending on the price", and which you can do without. I recently built the Wilderness Sierra and the NorCal 40A and I just finished building the K-2 a month or so ago. All of these are great radios. But I'll tell you what my all-time fantasy kit would be--I'd like to see Tentec come out with a kit version of their original Argonaut. Two reasons for this fantasy: 1) I had an Argonaut many years ago and still kick myself for selling it, and 2) I really love building radios!  
Anyone else fancy themselves building a re-issue of the Argonaut?  
Mark Paley--KF8KL--

K2 #250  
mpaley@wcnet.org  
<http://www.wcnet.org/~mpaley>

If a man speaks in a forest and there is no woman around to hear him--is he still wrong?

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Date: Wed, 8 Sep 1999 16:48:46 -0600  
From: "Roy" <ab7ce@email.msn.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [49747] Re: Verboten subject???  
Message-ID: <004001befa4c\$50496b80\$1bc7fad0@pavilion>

>Hello all...

>

>I have only been on the list for a couple of weeks and have seen discussion  
>on most of the popular QRP gear in use. However, I am curious why the  
>TenTec line of QRP transceivers is rarely, if ever, mentioned? >for the  
most  
>TenTec has a fairly complete line of equipment to provide QRPers. If the  
>gear I purchased is any indication, I believe they have a good product

line.

>Possibly, someone could let me know why there is no TenTec discussion.

>

If someone in norcal's inner circle ever gets into business with Ten Tec, You hear about it on this list until you want to barf.....

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Date: Wed, 08 Sep 1999 18:53:10 -0400  
From: osier <osier@northnet.org>  
To: qrp-l@lehigh.EDU  
Subject: [49748] 2 watt resistors  
Message-ID: <37D6E8D5.ACB21ACE@northnet.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello All!!!!!!

Looking for a source of 2 watt resistors for building attenuators....  
resistors are then carbon types.....they were used in the Ten Tec  
model 290  
which is (sadly) no longer made.....

Tnx es 73s

George Osier , N2JNZ

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End of QRP-L Digest 1573

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